INDEX TO VOLUME 38

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O and S, respectively.

Abnormalities and Deformities: See Monsters; Twins; and under names of diseases, organs and regions, as Brain, abnormalities; Microcephaly; etc.
Abscess: See under names of organs and regions, as Brain, abscess; Cerebellum, abscess; Spinal Cord, abscess; etc.
Acalculia; congenital arithmetic disability and acalculia (Henschen), 634
Accidents, purposive, as expression of self-destructive tendencies, 160
Accommodation: See under Eyes
Acetyl-Beta-Methylcholine: See Choline and Choline Derivatives
Acetylcholine: See Choline and Choline Derivatives
Acid, Amino: See Amino-Acids
  formic, in spinal fluid, new researches, 173
  glycolic, metabolism in progressive muscular dystrophy, 413
  lactic; carbohydrate metabolism of brain; origin of lactic acid, 1299
  Phenylpyruvic: See Urine, phenylpyruvic acid
  phosphocreatine and lactic acid changes in potassium chloride contracture of frog muscles in acid solutions, 618
Adenoma, change in basophil cells of pituitary gland in common to conditions which exhibit syndrome attributed to basophil adenoma, 1104
  treatment of intrasellar tumors by radon, 879
Adler, A.: Vascular architecture of lesions of multiple sclerosis, *1
Adrenal Preparations, adrenalin-like action in extracts from prostatic and related glands, 639
  chemistry of crystalline substances isolated from suprarenal gland, 617
  responses of normal and hypophysectomized rabbits to adrenalin, 1105
Adrenalectomy: See under Adrenals
Adrenalin: See Adrenal Preparations
Adrenals, chemical studies on adrenal cortex; fractionation studies on hormone concentrates, 143
  factors influencing lengths of survival following bilateral suprarenalectomy, 637
  nitrogen and sulfur metabolism in suprarenalectomized rats, 638
  studies in histochemistry; quantitative distribution of vitamin C in adrenal gland at various stages of development, 848
Aggression and anxiety in determination and nature of manic attacks, *71
Agnosia: See Blindness, psychic
Akinesia: See Movements
Alcohol, cerebral circulation; effect of alcohol on cerebral vessels, *321
Alcoholism: See also Korsakoff Syndrome
  chronic, medullary alterations in case of, 621
  etiology of polyneuritis in alcohol addict, 875
  periodic, clinical and etiologic study of, 629
  relationship between alcoholic intoxication and anoxemia, 847
Alexander, L.: Arterial supply of lateral parolivary area of medulla oblongata in man, *1243
Allen, T. P.: Calcium therapy in hypertonic colopathy; clinical observations, 179
Alpers, B. J.: Relation of hypothalamus to disorders of personality; report of case, *291
Alzheimer's Disease: See Insanity, presenile
Amaurosis: See Blindness
Amblyopia: See Blindness
Amentia: See Feeblemindness; Insanity; Mental Diseases; etc.
American Board of Psychiatry and Neurology, Inc., certification by, 1062
Amino-Acids, form of chronic epidemic encephalitis simulating Landouzy-Dejerine type of progressive muscular dystrophy; value of studies on creatine in conjunction with ingestion of amino-acid as aid in differential diagnosis, *1039
Amnesia, development of apparent unconsciousness during hypnotic reliving of traumatic experience, *1282
  psychopathologic features of amnesic syndrome (confabulations of patients with Korsakoff's psychosis), 863
Analgesia: See Anesthesia
Anderson, J.: Method for rapid impregnation of microglia and oligodendroglia in material fixed in formaldehyde, *362
Anemia, pernicious, associated with psychoses, *348
  pernicious, homonymous states in, 1315
  pernicious; liver therapy for combined sclerosis, 878
  survival and revival of nerve centers following acute anemia, *304
Anesthesia, electrical stimulation of cortex cerebri of cats; responses elicitable in chronic experiments through implanted electrodes, *927
  schizophrenia and prolonged narcosis, 627
Aneurysm; aneurysmal dilatation of ophthalmic artery causing superior pseudohemianopic contraction of visual field, 1092
  intracranial, unusual case; clinical and pathologic demonstration, 649
Angina Pectoris; genesis of multiple encephalomalacia and angina pectoris in foam formation, 1080
Angioma, cerebral; importance of cerebral angiography in their diagnosis, 175
  von Hippel's disease; Lindau's disease, 872, 1095
  venous, of sylvian aqueduct and fourth ventricle associated with internal hydrocephalus and mental deterioration, 428
Angyal, A.: Disturbances of activity in case of schizophrenia, *1047
Anomalies: See under names of organs and regions, as Brain, abnormalities; etc.
Anoxemia: See Oxygen, deficiency
Anthonisen, N. L.: Aggression and anxiety in determination and nature of manic attacks, *71
Anxiety and aggression in determination and nature of manic attacks, *71
  "cold pressor test" in tension and anxiety; cardiochronographic study, *964
  transference phenomenon in case of phobia, 1116
Aphasia, possibility of pure motor aphasia, 166
  relationship of intellect to speech defect in aphasic patients, 406
  visual; transitory word blindness associated with right homonymous hemianopia, 1328
Apoplexy: See Brain, hemorrhage

Apparatus, "cold pressor test" in tension and anxiety; cardiochronographic study, *964
continuous records of systolic and diastolic blood pressure, *365
device for controlled faradic stimulation, *1289
sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Aqueduct of Sylvius: See under Brain
Arachnoid, arachnoiditis of base of brain, 1095
iodoventriculographic picture of chiasmatic arachnoiditis, 1334
meningitis serosa circumscripta spinalis (spinal arachnoiditis), 1099
Arachnoiditis: See under Arachnoid
Argyll Robertson Pupils: See under Pupils
Arithmetic: See Mathematics
Art as means of expression in some of major psychoses as applied in occupational therapy, 234
Arteries: See also Aneurysm; Arteriosclerosis; Blood pressure; Endarteritis; Pulse; Thrombosis; Vasomotor System; etc.
arterial supply of lateral parolivary area of medulla oblongata in man, *1243
carotid; cerebral degeneration with encephalographic study 8 years after common carotid ligation, 646
Cerebral: See also Brain, blood supply
cerebral; origin of posterior cerebral artery, 1067
cerebral; third artery of red nucleus, 1069
influence of sympathetic nerve fibers on coronary vessels, 1075
Arteriosclerosis, endocrine factor in pathogenesis of arterial hypertension, increased intracranial pressure, and premature arteriosclerosis; role of hypophysis, 1106
localization in vessels of brain, 154
Arteritis: See Endarteritis; Periarteritis
Arthritis, environmental stress as precipitating factor for rheumatoid arthritis, 1348
Astrocytoma, auditory hallucinations in case of astrocytoma of left temporal lobe, 167
clinicopathologic study of, *1208
relation of glioma of leptomeninges to neuroglia nests; report of case of astrocytoma of leptomeninges, 400
Ataxia, anatomic and clinical study of case of Friedreich's disease associated with mental disturbances, 1079
Atlas and Axis, fracture dislocation in region of atlas and axis with consideration of delayed neurologic manifestations and roentgenographic features, 426
Atrophy: See under names of organs and regions, as Brain, atrophy; Cerebellum; etc.
Attitudes, are attitudes biological or cultural in origin? 856
Audiometer: See Hearing, tests
Automatism, fugue reaction during course of cataphrenic episode, 163
Avitaminoses: See under Vitamins

Bacteria, Abortus and Melitense Group: See Undulant fever
Banks, T. E.: Factors producing lumbar cerebrospinal fluid pressure in man in erect posture, *1158
Bárány Test: See Ear, internal
Bardet-Laurence-Biedl-Moon Syndrome: See Laurence-Biedl Syndrome
Barney, B. F.: Anterolateral chordotomy for intractable pain of tabes dorsalis, *467
Basophilism: See under Pituitary Body
Basophils: See Pituitary Body
Bauer, W.: Environmental stress as precipitating factor for rheumatoid arthritis, 1348
Behavior, Children's: See under Children
Bender, M. B.: Defects in visual field of 1 eye only in patients with lesion of 1 optic radiation, 652
Benzedrine, hypertension produced with, 1325
Berger Rhythm: See Brain, physiology
Biemond Syndrome: See Laurence-Biedl Syndrome
Biochemistry: See Chemistry
Bladder, paralysis; abnormalities of micturition due to syphilis of nervous system, 1099
reaction to stimulation of points in forebrain and midbrain, 1295
Blindness: See also Vision
acetylcholine in tobacco amblyopia, 411
psychic; unilateral cerebral dominance as related to mind blindness; minimal lesion capable of causing visual agnosia for objects, *108
Word Blindness: See Aphasia, visual
Blood, diastase; comparative studies on diastase in serum and spinal fluid, 1323
Diseases: See Anemia; etc.
fats and lipoids; blood phospholipid as transport mechanism, 848
hematology of convulsions, 872
lipase, experimental studies in multiple sclerosis, *288
phosphates, relation to parathyroid tetany, 639
pressure; "cold pressor test" in tension and anxiety; cardiochronographic study, *964
pressure; continuous records of systolic and diastolic blood pressure, *365
pressure; effect of ergotamine tartrate on pressure of spinal fluid and blood during migraine headache, 172
press re; effect of increased intracranial venous pressure on pressure of spinal fluid, 641
pressure, effect of injecting certain electrolytes into cisterna magna on, 394
pressure; effect of injection of certain nitrogen-containing compounds into cisterna magna on blood pressure of dogs, 1322
pressure; effect of intravenous injections of sucrose solution (50 per cent) on spinal fluid pressure, blood pressure and clinical course in cases of chronic hypertension, 641
pressure, high; endocrine factor in pathogenesis of arterial hypertension, increased intracranial pressure, and premature arteriosclerosis; role of hypophysis, 1106
pressure, high; hypertension produced with benzedrine, 1325
pressure, high; hypertensive apoplexy and its causation, *1176
pressure, high; is resection of splanchnic nerves justified in treatment of permanent essential arterial hypertension? 1326
pressure, high; relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 1108
pressure, high; relation of increased intracranial tension to arterial hypertension, 886
pressure; pressor and oxytocic fractions of posterior pituitary extract; comparative effects on blood pressure and intestinal activity, 638
sedimentation rate, significance in neurology and psychiatry, 645
sugar; clinical experience with hypoglycemic therapy of psychoses, 190
sugar; curve for sugar content following encephalography; comparison with usual curve for dextrose tolerance, *985
sugar; experiences with insulin shock therapy in schizophrenia, 907
sugar; hypoglycemic state in treatment of schizophrenia, 879
sugar; hypoglycemic treatment of psychoses, 412
sugar; hypoglycemic treatment of psychoses; experiences at Bellevue Hospital, 191
sugar in blood and spinal fluid, 173
sugar; incidence and differential diagnosis of hypoglycemic convulsions, 869
sugar; insulin hypoglycemic shock in treatment of psychotic patients, 438

Blood—Continued
sugar; origin and nature of hypoglycemic therapy of psychoses, 188
sugar; response of schizophrenic subjects to hypoglycemic insulin shock, 1325
sugar; treatment of schizophrenia by production of hypoglycemic state, 880
sugar; vegetative disturbances following encephalography, 175

Book Reviews:

Clinical Psychology: Handbook of Children's Behavior Problems; C. M. Louttit, 1352
Frigidity in Women: Its Characteristics and Treatment; E. Hitschmann and E. Bergler, 444
Guiding Your Life, with Psychology as Key; J. A. Jackson, 238
Handbuch der Neurologie: Vol. V; edited by O. Bumke and O. Foerster, 1133
Handbuch der Neurologie; Vol. VIII; edited by O. Bumke and O. Foerster, 1134
Intellectual Functions of Frontal Lobes: Study Based upon Observation of Man After Partial Bilateral Frontal Lobectomy; R. M. Brickner, 236
Kriminalpsychopathologie und psychobiologische Verbrecherkunde; K. Birnbaum, 443
Lehrbuch der forensischen Psychiatrie für Aerzte, Juristen und höhere Beamte des Sicherheitsdienstes; R. Michel, 443
Objective and Experimental Psychiatry; D. E. Cameron, 238
Ocular Fundus in Diagnosis and Treatment; D. T. Atkinson, 1134
Otologische Diagnostik der Hirntumoren; H. Brunner, 666
Practical Examination of Personality and Behavior Disorders, Adults and Children; K. E. Appel and E. A. Strecker, 1352
Psychogenic Tonsillitis; R. Bilz, 1132
Psychology of Adjustment: Objective Approach to Mental Hygiene; L. F. Shaffer, 912
Réactions labyrinthiques et équilibre; G. G. J. Rademaker, 441
Ueber die Erkennung der traumatischen Hirnverletzung; E. Grunthal, 1131
Vom Sinn der Sinne; E. Straus, 1130

Boshes, B.: Carbohydrate metabolism in epilepsy, 229
Bouckaert, J. J.: Survival and revival of nerve centers following acute anemia, *304
Bourneville's Disease: See Sclerosis, tuberous
Boutons Terminaux: See under Spinal Cord
Bradley, C.: Studies on children with behavior problems, 1350
Brain: See also Cerebellum; Corpus Callosum; Corpus Striatum; Hypothalamus; Medulla Oblongata; Meninges; Nervous System; Pons Varolii; Thalamus; etc.
abnormalities; congenital malformation of cerebrum associated with microcephaly, 152
abscess of undetermined etiology; report of 4 cases in which recovery occurred, 1124
abscess; removal in mass of subacute abscess of cerebral hemispheres without drainage, 635
and endocrine glands in old age, 640
angiomas; importance of cerebral angiography in their diagnosis, 175
arachnoiditis of base of brain, 1095
atrophy; acquired dementias, 162
atrophy; bilateral atrophic lobar sclerosis following thrombosis of superior longitudinal sinus, 1078
atrophy of parietal and cerebellar lobes associated in certain cases with multiple sclerosis, 218
atrophy; psychopathology of Pick's disease, *473
Blood Supply: See also Arteries, cerebral
blood supply; endocranial blood vessels of Amblystoma tigrinum, 844

Brain—Continued
blood supply; necrotizing encephalitis simulating tumor of brain clinically and due to necrotizing angiitis; clinicopathologic report, *775
blood supply; variability of perivascular reactions in different types of encephalitis, 403
carbohydrate metabolism; determination of glycogen in nerve tissue, 1071
carbohydrate metabolism; effect of varying carbohydrate and insulin supply on glycogen, free sugar, and lactic acid in mammalian brain, 617
carbohydrate metabolism; origin of lactic acid, 1299
circulation; effect of alcohol on cerebral vessels, *321
changes in plexectomized dogs with comments on spinal fluid, *1224
comparative cytoarchitectonic study of motor and premotor areas in primate cortex, 613
connections between striatum and substantia nigra in, *550
cortical area concerned with coordinated walking in rat, 844
cortical innervation of respiratory movements; slowing of respiratory movements by cerebral stimulation, 397
cortical sensory disturbances in man, 1074
corticifugal fiber connections of cortex of Macaca mulatta; frontal region, 390
corticifugal fiber connections of cortex of Macaca mulatta; occipital region, 390
corticifugal fiber connections of cortex of Macaca mulatta; parietal region, 391
corticifugal fiber connections of cortex of Macaca mulatta; temporal region, 391
cystic ependymocytoma of third ventricle, 153
cystic tumor of third ventricle containing colloid material, *268
cysts, neuro-epithelial, of third ventricle, 400
cysts, neuro-epithelial, of third ventricle; report of case with recovery following operation, *1055
degeneration with encephalographic study 8 years after common carotid ligation, 646
device for controlled faradic stimulation, *1289
diffuse changes in poisoning with oil of chenopodium, 1304
Diseases: See also Encephalitis; Insanity; Mental Diseases; etc.
diseases; significance of frontal lobes for mental performances, 1087
diseases; symptomatology of disorders of frontal lobe, 1099
disorders of motor function following ablation of part of "leg area" of cortex in man, 407
effect of experimental lesions of cortex on "psychogalvanic reflex" in cat, *308
effect of injections of colloidal thorium dioxide on ventricles and subarachnoid spaces, *340
effect of roentgenotherapy on gliomas, *513
efferent fibers of frontal lobe of monkey, Macaca mulatta, 1065
electrical stimulation of cortex cerebri of cats; responses elicitable in chronic experiments through implanted electrodes, *927
excision of speech area without resultant aphasia, 430
fiber tract from lamina terminalis in birds, 1296
Georgetown University Brain Research Institute, 1063
gliomas, 854
hemorrhage; hypertensive apoplexy and its causation, *1176
hemorrhage into floor of fourth ventricle in intoxications and inflammations of brain, 1308
histologic changes in hypothalamus, substantia nigra and inferior olive in epilepsy, 856

Brain—Continued
histology of paraphysis of Amblystoma, 614
hyperostosis frontalis interna; degenerative disease of brain, 658
Inflammation: See Encephalitis
Injuries: See also Head, injuries
injuries; diffuse cortical contusion of occipital lobe, 151
injuries; late injury of human brain resulting from roentgen irradiation, 154
is all colloid observed in midbrain of hypophysial origin? 1297
localization of function; central path of light reflex, 843
localization of function; frontal lobe and equilibrium, 147
localization of function; functional determinants of cerebral localization, *371
localization of function; specific responses elicitable from subdivisions of motor cortex of cerebrum of cat, 614
membranous parts of brain, meninges and their blood vessels in Amblystoma, 844
nucleus of posterior longitudinal bundle, fibers arising therefrom and probable relation of both to automatic posture of head, 1297
ontogenesis of isocortex in man, 1070
optic connections of diencephalon and midbrain of cat, 391
pathology; genesis of multiple encephalomalacia and angina pectoris in foam formation, 1080
pathology; prevention of nutritional encephalomalacia in chicks by vegetable oils and their fractions, 1076
pathology; relation of handedness to language mechanism, 405
pathology; ulceration in digestive tract of dog following intracranial procedures, 395
physiological study of cerebral motor cortex and control of posture in sloth, 143
physiology; Berger rhythm in monkey's brain, 1301
physiology; dissociation of cortical excitation from cortical inhibition by pyramid section and syndrome of that lesion in cat, 144
physiology; electro-encephalograms in man, 398
physiology; electro-encephalography in diagnosis and localization of intracranial lesions, 659
physiology; extent and structure of electrically excitable cerebral cortex in frontal lobe of dog, 392
physiology; fundamental effects of epileptogenous agents on central nervous system, 394
physiology; origin of Berger rhythm, 145
physiology; spread of activity in cerebral cortex, 850
poverty of medullary sheath in central vegetative structures of, 1296
primary melanosarcoma, numerous pigmented nevi of skin and extensive neurofibromatosis of cutaneous nerves, 621
processes of localization in developing Fundulus, 845
reaction of bladder to stimulation of points in forebrain and midbrain, 1295
roentgenography; akinetic states following introduction of air into third ventricle and their significance, 175
roentgenography; curve for sugar content of blood following encephalography; comparison with usual curve for dextrose tolerance, *985
roentgenography; electrocardiographic changes during encephalography, 644
roentgenography; encephalogram in epilepsy, 1335
roentgenography; encephalographic findings in dementia praecox, 439
roentgenography; encephalography with ethylene, 1333

Brain—Continued
roentgenography; iodoventriculographic picture of chiasmatic arachnoiditis, 1334
roentgenography; pneumencephalographic diagnosis of tumors of corpus callosum, 647
roentgenography; roentgenoscopic examination of ventricular cavities with iodized oil (roentgeniodoventriculoscopy), 647
roentgenography; social prognosis of schizophrenia on basis of encephalographic findings, 862
roentgenography; vegetative disturbances following encephalography, 175
selective involvement of layers of cerebral cortex in mental disease, 1306
size and mentality, 1086
subcortical prefrontal lobotomy in treatment of certain psychoses, 225
subthalamus and structures of subthalamomesencephalic region, 393
surgery; effects of occipital lobectomy on vision in chimpanzee, 415
Syphilis: See Syphilis
tumor syndrome with hyperthermia and visceral disorders due to chronic basilar tuberculous meningo-encephalitis, 166
tumors; auditory hallucinations in case of astrocytoma of left temporal lobe, 167
tumors; cerebral syphilis and glioma, 1094
tumors; clinicopathologic study of astrocytomas, *1208
tumors; defects in visual field of 1 eye in patients with lesion of 1 optic radiation, 652
tumors; differential diagnosis of tumor of brain and "pseudotumoral" encephalitis, 1094
tumors; effects of roentgen therapy on gliomas, 879
tumors; homonymous hemianopia; practical points in interpretation with report of 49 cases in which lesion in brain was verified, 881
tumors in monkey, 154
tumors; masked epilepsy and simulation of traumatic epilepsy by cerebral tumor with reference to head injuries without fracture, 872
tumors, multiple metastatic, arising from primary bronchial carcinoma, 1305
tumors, multiple primary, 399
tumors; relation of hypothalamus to disorders of personality; report of case, *291
tumors; sense of smell; localization of tumors of frontal lobe of brain by quantitative olfactory tests, 644
tumors; value of indirect roentgenologic signs in diagnosis of, 1334
unilateral cerebral dominance as related to mind blindness; minimal lesion capable of causing visual agnosia for objects, *108
venous angioma of sylvian aqueduct and fourth ventricle associated with internal hydrocephalus and mental deterioration, 428
vitamin B_1 deficiency in rat's brain, 397
Bromide, intoxication, chronic, halide distribution in body fluids in, 396
intoxication, with symptomatic psychoses, 1084
psychosis, 50 cases of, 653
Bronchi, cancer; multiple metastatic tumors in brain arising from primary bronchial carcinoma, 1305
Buchanan, A. R.: Secondary vestibular fibers and medial longitudinal bundle, 660
Buchanan, D. N.: Chronic tetanus (presentation of patient), 1118

Cachexia, Pituitary: See Pituitary Body, diseases
Calcium, effect of liberal intakes of calcium or calcium and phosphorus on growth and body calcium, 1299
therapy in hypertonic colopathy; clinical observations, 179
Calvarium: See under Cranium

Canavan, M. M.: Enostoses within calvarium; survey of skulls in Warren Museum of Harvard University Medical School, *1249
Cancer: See also Tumors; etc.; and under names of organs and regions, as Bronchi, cancer; Prostate, cancer; etc.
cells in spinal fluid, 1080
Carbohydrates: See also Dextrose; Glycogen; etc.
metabolism in epilepsy, 229
metabolism of brain; effect of varying carbohydrate and insulin supply on glycogen, free sugar, and lactic acid in mammalian brain, 617
metabolism of brain; origin of lactic acid, 1299
Carbon dioxide, word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491
Cardiovascular System: See Arteries; Heart; Vasomotor System; etc.
Carmichael, E. A.: Factors producing lumbar cerebrospinal fluid pressure in man in erect posture, *1158
Carotid Sinus, association of carotid sinus reflexes with syncope and convulsions; report of 4 cases, *761
effect on venous flow, 1301
Case, T. J.: Electro-encephalography in diagnosis and localization of intracranial lesions, 659
Cataphrenia: See under Mental Diseases
Cataract, psychoses complicating recovery from extraction of, *818
Catatonia: See under Dementia Praecox
Cauda Equina: See Spinal Cord
Cave, H. A.: Contribution to history of narcolepsy, *136
Cavernous Sinus; multiple orbitocranial lesions from lead shot; syndrome of hemorrhage of cavernous sinus, 165
Cells: See also Cancer, cells; Neuroglia; Tissue; etc.
consideration of biological factors influencing radiosensitivity of, 617
division and differentiation in growth of specialized vertebrate tissues, 1067
presence of colloid inclusions in ganglion cells of human medulla oblongata, 846
Cephalalgia: See Headache
Cerebellum, abscess of, 420
anatomic and clinical study of case of Friedreich's disease associated with mental disturbances, 1079
atrophy of parietal and cerebellar lobes associated in certain cases with multiple sclerosis, 218
diffuse sclerosis of, 622
function from clinical standpoint, 422
olivocerebellar atrophy, 1305
review and interpretation, *580
Cerebrospinal Fluid: See also Meninges, permeability; Spinal Puncture; etc.
Ayala index; preliminary report, 437
biologic properties in schizophrenia, supplementary report, 173
carcinomatous cells in, 1080
changes in brain in plexectomized dogs with comments on, *1224
cholesterol content, investigations of, 645
comparative studies on diastase in serum and spinal fluid, 1323
cranial venous sinuses; correlation between skull markings and roentgenograms of occipital bone, 647
effect of ergotamine tartrate on pressure of spinal fluid and blood during migraine headache, 172
effect of intravenous injections of sucrose solution (50 per cent) on spinal fluid pressure, blood pressure and clinical course in cases of chronic hypertension, 641
factors producing lumbar spinal fluid pressure in man in erect posture, *1158
in vascular diseases of central nervous system, 641
Cerebrospinal Fluid—Continued
new researches on formic acid in, 173
physiopathologic changes in intracranial pressure associated with production and resorption of, 643
pressure, effect of increased intracranial venous pressure on, 641
relation to polyneuritis, 174
sugar in blood and spinal fluid, 173
sugar, significance of diminution in tuberculous meningitis, 865
variations of cranial venous sinuses in region of torcular herophili, 632
Cerebrum. See Brain
Character, treatment with acetylcholine for certain character changes in children with tendency to impulsive behavior, 1325
Charcot's Joints: See under Tabes Dorsalis
Chase, W. H.: Hypertensive apoplexy and its causation, *1176
Chemistry, evaluation of biochemical approach to psychoses, 207
Chenopodium, diffuse cerebral changes in poisoning with oil of chenopodium, 1304
Chiasm, Optic: See Optic Chiasm
Children, behavior, personality and intelligence of children with endocrine disturbances, 1339
development of language function in, 1340
treatment with acetylcholine for certain character changes in children with tendency to impulsive behavior, 1325
with behavior problems, studies on, 1350
Chlorides, halide distribution in body fluids in chronic bromide intoxication, 396
Choked Disk: See Neuritis, optic
Cholesteatoma, dermoid and epidermoid tumors (cholesteatomas) of central nervous system, 870
Cholesterol content of muscle, 847
in Cerebrospinal Fluid: See Cerebrospinal Fluid, cholesterol
provitamin D of heat-treated cholesterol, 396
Choline and Choline Derivatives, acetylcholine in tobacco amblyopia, 411
chemical transmission of excitation from motor nerve to voluntary muscle, 849
physiologic effects of acetyl-beta-methylcholine (mecholyl) and its relationship to other drugs affecting autonomic nervous system, 1298
Chondroma, spinal compression caused by ecchondrosis of intervertebral fibrocartilage, 1316
Chor, H.: Water metabolism in relation to convulsions, *798
Chordotomy: See Spinal Cord, surgery
Chorea; constitutional aspects of chorea and its sequelae, 1315
Huntington's, genealogical study, 910
Choriomeningitis: See Meningitis
Choroid Plexus, changes in brain in plexectomized dogs with comments on spinal fluid, *1224
tumors in childhood, 851
Chromatophore: See under Melanin, pigmentation
Chronaxia, isolated electric stimulation of 2 vestibular nerves; double chronaxia on each side, 883
obliterating arteritides; estimation of function by measurement of chronaxia, 645
Cisterna Magna, Injections into: See Electrolytes; Nitrogen
Clark, S. L.: Electrical stimulation of cortex cerebri of cats; responses elicitable in chronic experiments through implanted electrodes, *927
Cobb, S.: Environmental stress as precipitating factor for rheumatoid arthritis, 1348
Cochlea: See Ear, internal
Cohen, B.: Repression and communicability in catatonic stupor, *572
Cold; "cold pressor test" in tension and anxiety; cardiochronographic study, *964

Colon, calcium therapy in hypertonic colopathy; clinical observations, 179
Communism, sociological significance of, considered in light of psychoanalysis, 1085
Constipation, relation of persecutory delusions to functioning of gastro-intestinal tract, 857
Constitution; constitutional aspects of chorea and its sequelae, 1315
constitutional aspects of paranoid reactions, 205
constitutional relationship between tuberculosis and mental disease, 630
Contractures, extreme encephalitic parkinsonism with contractures which relax during somnambulistic state, 166
Contusions: See Brain, injuries
Convulsions: See also Epilepsy
association of carotid sinus reflexes with syncope and convulsions; report of 4 cases, *761
histologic changes in insulin convulsions, 856
hypoglycemic, incidence and differential diagnosis of, 869
water metabolism in relation to, *798
Corpus Callosum, lesions among psychotic persons, 1347
tumors, mental syndrome of, 870
tumors, pneumencephalographic diagnosis of, 647
Corpus Luysi: See Hypothalamus
Corpus Striatum, connections between striatum and substantia nigra in human brain, *550
état marbré, 852
tuberculous encephalitis of striatum associated with parkinsonian syndrome, 867
Corrin, K. M.: Mechanism of grand mal convulsion; preliminary report, 890
Cranium: See also Frontal Bone
blood supply; physiopathologic changes in intracranial pressure associated with production and resorption of spinal fluid, 643
cranial venous sinuses: correlation between skull markings and roentgenograms of occipital bone, 647
craniograms, 1335
enostoses within calvarium; survey of skulls in Warren Museum of Harvard University Medical School, *1240
Injuries: See Brain, injuries; Head, injuries
multiple orbitocranial lesions from lead shot; syndrome of hemorrhage of cavernous sinus, 165
pressure; endocrine factor in pathogenesis of arterial hypertension, increased intracranial pressure, and premature arteriosclerosis; role of hypophysis 1106
pressure, intracranial, in head injuries, 869
pressure; relation of increased intracranial tension to arterial hypertension, 886
tumors; case of intracranial epidermoid, 177
variations of cranial venous sinuses in region of torcular herophili, 632
Creatine and Creatinine; form of chronic epidemic encephalitis simulating Landouzy-Dejerine type of progressive muscular dystrophy; value of studies on creatine in conjunction with ingestion of amino-acid as aid in differential diagnosis, *1039
studies in diseases of muscle; metabolism of creatine and creatinine in progressive muscular dystrophy, *992
Crime and Criminals: See also Delinquency; Jurisprudence, Medical
classification of felons in midwestern state penitentiary, 1082
psychology of prison language, 1081
Curare, depressant peripheral effect of prostigmin and its temporary antagonism by curarine, 1300
Curran, F. J.: Study of 50 cases of bromide psychosis, 653
Cushing Syndrome: See under Pituitary Body
Cysts: See under names of organs and regions, as Brain; etc.
Darrow, C. W.: Continuous records of systolic and diastolic blood pressure, *365
Davison, C.: Combined system disease in tabes dorsalis, *43
Encephalitis following German measles, 650
Poikilothermia with hypothalamic lesions; clinicopathologic study, *1271
Deafness: See also Hearing
neuralgias and ear symptoms, associated with disturbed function of temporomandibular joint, 874
psychotherapy in cases of suspected organic defects in young children, 1342
reaction of cochlear nerve to destruction of its end ogans; study on deaf albino cats, 613
Dean, S. R.: Form of chronic epidemic encephalitis simulating Landouzy-Dejerine type of progressive muscular dystrophy; value of studies on creatine in conjunction with ingestion of amino-acid as aid in differential diagnosis, *1039
Death, lethal power of emotions, 155
Degeneration, hyaline; change in basophil cells of pituitary gland in common to conditions which exhibit syndrome attributed to basophil adenoma, 1104
Dejerine-Sottas' Disease: See Neuritis, interstitial
Delinquency, classification of defective delinquents, 1082
juvenile, and mental retardation, 1310
study of runaways at state correctional school for boys, 1083
Delusions: See Insanity, delusional
Dementia, acquired, 162
Dementia Paralytica, acute cystic pneumococcic meningitis in patient with, 401
anatomic explanation of dysarthria associated with, 873
investigations on problems of immunity against Spirochaeta pallida in general paralytics treated with malaria, 1078
Lissauer's; study of its pathogenesis, *27
permeability of meninges to arsenic in cases of dementia paralytica before and after malaria therapy, 165
psychology of juvenile paretic neurosyphilis, 858
Dementia Praecox, biologic properties of spinal fluid in schizophrenia, supplementary report, 173
disturbances of activity in case of schizophrenia, *1047
encephalographic findings in, 439
experiences with insulin shock therapy in schizophrenia, 907
hypoglycemic state in treatment of schizophrenia, 879
incidence of pulmonary tuberculosis in schizophrenic patients during period of 5 years in Ypsilanti State Hospital, 440
influence of chronic epidemic encephalitis on schizophrenia, 1088
introjection and schizophrenia, 157
new researches on formic acid in spinal fluid, 173
organic alterations in schizophrenia, 862
oxygen metabolism in schizophrenia, *1261
pure intermittent catatonia lasting 24 years, 628
repression and communicability in catatonic stupor, *572
response of schizophrenic subjects to hypoglycemic insulin shock, 1325
schizoid personality, 864
schizophrenia and prolonged narcosis, 627
schizophrenia in boy 4 years old, 632
"sex hormones" and their relation to schizophrenia, 234
social prognosis of schizophrenia on basis of encephalographic findings, 862
treatment of schizophrenia by production of hypoglycemic state, 880
vegetative nervous system in, 640
Depersonalization: See under Personality

Depression: See also Insanity; Melancholia
hematoporphyria treatment of melancholia and endogenous depressions, 412
prognosis of depressions of later life, 1314
De Ronde, M.: Sense of guilt and need for punishment, 1344
Dextrose, curve for sugar content of blood following encephalography; comparison with usual curve for dextrose tolerance, *985
Diabetes Mellitus: See also Blood sugar
changes in spinal cord in; report of case with autopsy, *564
neuritic manifestations in, 408
Diastase in Blood: See Blood, diastase
Dictaphone; dictaphonic reproduction in case of depersonalization, 429
Diencephalon: See Brain
Diplegia: See Paralysis
Disk, Choked: See Neuritis, optic
Diuresis and Diuretics, effect of pituitary (posterior lobe) extract upon urinary flow, 1105
Dorrance, G. M.: Injection of alcohol into gasserian ganglion, 214
Dozier, P. C.: Development of language function in children, 1340
Dreams, importance of dream-analysis for psychological development, 860
in which dreamer knows he is asleep, 1082
Drugs, effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 224
effects on transmission from nerve to voluntary muscle and accommodation to different rates of destruction of chemical transmitter, 849
Ductless Glands: See Endocrine Glands
Duel, A. B.: Facial tic in relation to injury of facial nerve; experimental study, *1190
Dunn, W. H.: Evaluation of biochemical approach to psychoses, 207
Dusser de Barenne, J. G.: Sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Dyke, C. G.: Results of roentgen treatment of tumor of pituitary gland; report on 81 patients, 48 of whom were treated exclusively by irradiation, 903
Dysarthria: See Speech, defects
Dyskinesia: See Movements
Dyspituitarism: See Pituitary Body
Dystrophy, muscular; form of chronic epidemic encephalitis simulating Landouzy-Dejerine type of progressive muscular dystrophy; value of studies on creatine in conjunction with ingestion of amino-acid as aid in differential diagnosis, *1039
muscular; metabolism of glycolic acid in progressive muscular dystrophy, 413
muscular, progressive, pathogenesis of, 414
muscular; studies in diseases of muscle; metabolism of creatine and creatinine in progressive muscular dystrophy, *992

Ear: See also Deafness; Mastoid; etc.
Internal: See also Equilibrium; Nystagmus; Reflex, aural
internal; pointing test, 883
internal; relations between cochleovestibular system and oculomotor system in case of posttraumatic paralysis of ocular muscles, 169
noises in ear, tinnitus and elementary, common and verbal auditory hallucinations, 1330
Ecchondroma: See Chondroma
Eclampsia, relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 1108
Ectoderm, developmental pattern on ectodermal placodes in Rana pipiens, 1065
Electrocardiogram: See Heart, electrocardiography
Electro-Encephalography: See Brain, physiology
Electrolytes, effect of injecting certain electrolytes into cisterna magna on blood pressure, 394
Electromyogram: See under Muscles
Embolism, genesis of multiple encephalomalacia and angina pectoris in foam formation, 1080
Emotions: See also Anxiety; etc.
aggression and anxiety in determination and nature of manic attacks, *71
lethal power of, 155
logic of emotions and its dynamic background, 159
proposed mechanism of, *725
Encephalitis: See also Encephalomyelitis; Meningo-Encephalitis
acute epidemic, clinical study of 160 cases, 868
chronic epidemic, form simulating Landouzy-Dejerine type of progressive muscular dystrophy; value of studies on creatine in conjunction with ingestion of amino-acid as aid in differential diagnosis, *1039
chronic epidemic, influence on schizophrenia, 1088
chronic, symptomatic treatment with benzedrine sulfate, 892
differential diagnosis of tumor of brain and "pseudotumoral" encephalitis, 1094
epidemic; follow-up study of 266 cases, *1135
extreme encephalitic parkinsonism with contractures which relax during somnambulistic state, 166
following German measles, 650
histopathologic alterations in case of buccolingual spasm of postencephalitic origin, 1080
myxedema, acromegaly, infundibulotuberal syndrome, melancholic delirium, oneirism, ligneous thyroiditis, pituitary adenoma and pedunculo-mesodiencephalic encephalitis, 1105
necrotizing, simulating tumor of brain clinically and due to necrotizing angiitis; clinicopathologic report, *775
occurrence of epidemic encephalitis combined with multiple sclerosis, 621
of brain stem associated with gonococcic disease, 168
periaxialis diffusa; familial Schilder's disease, 1077
psychopathology and treatment of parkinsonian syndrome and other post-encephalitic sequelae, 1324
variability of perivascular reactions in different types of, 403
Encephalography: See Brain, roentgenography
Encephalomyelitis complicating measles, *1025
disseminated; histologic syndrome associated with thrombosis of small cerebral vessels, 1127
relation between disseminated nonsuppurative encephalomyelitis and multiple sclerosis, 624
Encephalopathy: See under Brain
Encephalorrhagia: See Brain, hemorrhage
Endarteritis obliterans; obliterating arteritides; estimation of function by measurement of chronaxia, 645
Endocrine Glands: See also Hormones; and under names of glands
and brain in old age, 640
and experimental epilepsy, 1075
behavior, personality and intelligence of children with endocrine disturbances, 1339
myxedema, acromegaly, infundibulotuberal syndrome, melancholic delirium, oneirism, ligneous thyroiditis, pituitary adenoma and pedunculo-mesodiencephalic encephalitis, 1105
Endocrine Therapy: See under names of glands and hormones, as Adrenal Preparations; Insulin; Pituitary Preparations
Endolymphatic organs; chemical analysis of otoliths and endolymphatic sac deposits in Amblystoma tigrinum, 612
Endothelioma, primary tumor of optic nerve, 400

Enostosis: See under Cranium
Environment, environmental stress as precipitating factor for rheumatoid arthritis, 1348
Ependymocytoma, cystic, of third ventricle, 153
Epidermoid: See Cranium, tumors
Epilepsy: See also Convulsions; Sclerosis, tuberous
carbohydrate metabolism in, 229
electro-encephalography in diagnosis and localization of intracranial lesions, 659
encephalogram in, 1335
epileptiform convulsions from "remote" excitation, *259
experimental, and endocrine glands, 1075
fundamental effects of epileptogenous agents on central nervous system, 394
hematology of convulsions, 872
hereditary factor in, 171
histologic changes in hypothalamus, substantia nigra and inferior olive in, 856
masked epilepsy and simulation of traumatic epilepsy by cerebral tumor with reference to head injuries without fracture, 872
mechanism of grand mal convulsion; preliminary report, 890
mode of onset, *744
myoclonic, of Unverricht; report of 2 familial cases, 1093
myoclonic, unusual case of, 896
new problems in humoropathologic changes in convulsive states, 1076
pathologicoanatomic changes in, 1307
pharmacologic studies of basic factors involved in treatment with borates, 880
relationship of autonomic nervous system to pathogenesis of, *16
traumatic, 167
water metabolism in relation to convulsions, *798
Epinephrine: See Adrenal Preparations
Epithelioma, unilateral global paralytic syndrome of 12 cranial nerves, 170
Equilibrium: See also Cerebellum; Nystagmus; Otolith Apparatus; Posture; Reflex, aural; etc.
and frontal lobe, 147
position of feet in station of man; relations of these phenomena to state of vestibular apparatus, 150
Erickson, M. H.: Development of apparent unconsciousness during hypnotic reliving of traumatic experience, *1282
Erotism: See under Sex
Erythema nodosum, meningeal reaction in, 868
Estrin: See Hormones, sex
État Marbré: See Corpus Striatum; Thalamus
Ethylene, encephalography with ethylene, 1333
Exophthalmos, unilateral, produced by meningioma of middle cranial fossa, 405
Extremities, limb movements studied by electrical stimulation of nerve roots and trunks in Amblystoma, 612
Paralysis: See Poliomyelitis
vasomotor responses in hemiplegic patients, 1299
Eyes: See also under Orbit; Vision; and under special structures of eyes, i.e., Macula Lutea; Retina; etc.
diseases; visual hallucinations and lesions of visual apparatus, 418
innervation of muscle of accommodation in eye of teleost, Holocentrus, 1066
ocular complications of cerebrospinal meningitis, 164
paralysis; congenital familial ophthalmoplegia, 420
paralysis; relations between cochleovestibular system and oculomotor system in case of posttraumatic paralysis of ocular muscles, 169

Falstein, E. I.: Huntington's chorea; genealogical study, 910
Farber, S.: Survival and revival of nerve centers following acute anemia, *304
Fasting, quantities of protein lost by various organs and tissues of body during fast, 847
Fay, T.: New method of treatment for acute postoperative and posttraumatic psychoses, 1336
Feeblemindedness: See also Idiocy; Laurence-Biedl Syndrome
brain size and mentality, 1086
classification of defective delinquents, 1082
mental retardation and juvenile delinquency, 1310
phenylpyruvic oligophrenia; introductory study of 50 cases of mental deficiency associated with excretion of phenylpyruvic acid, *944
Fellowships, appointments to and opportunities for, 1063
Fender, F. A.: Device for controlled faradic stimulation, *1289
Epileptiform convulsions from "remote" excitation, *259
Fetterman, J. L.: Mode of onset of epilepsy, *744
Fever: See also Temperature; etc.
problem of long-continued, low grade fever, 857
Therapeutic: See under Dementia Paralytica; Syphilis; etc.
tumor syndrome with hyperthermia and visceral disorders due to chronic basilar tuberculous meningo-encephalitis, 166
Filum Terminale: See Spinal Cord
Fisher, C.: Hypothalamic regulation of temperature in monkey, *445
Pars nervosa of hypophysis, 1120
Flatau-Schilder's Disease: See Encephalitis periaxialis diffusa
Foot, position of feet in station of man; relations of these phenomena to state of vestibular apparatus, 150
Foreign Bodies, meningeal mesenchymoma of foreign body origin, 623
new method for removal from gastro-intestinal tract, 1347
Fray, W. W.: Roentgenologic study of orientation of pineal body; comparison of proportional and graphic method in absence of tumor of brain, *1199
Freedberg, A. S.: Association of carotid sinus reflexes with syncope and convulsions; report of 4 cases, *761
Freeman, W.: Effect of injections of colloidal thorium dioxide on ventricles and subarachnoid spaces, *340
Subcortical prefrontal lobotomy in treatment of certain psychoses, 225
Freud, Sigmund, as neurologist, 654
Friedfeld, L.: Encephalitis following German measles, 650
Friedman, E. D.: Poikilothermia with hypothalamic lesions; clinicopathologic study, *1271
Friedreich's Ataxia: See under Ataxia
Frontal Bone, hyperostosis frontalis interna, 1094
hyperostosis frontalis interna; degenerative disease of brain, 658
internal frontal hyperostosis; report of 4 new cases, 1334
osteomyelitis, notes on 3 cases, 1091
Fry, W. E.: Subarachnoid hemorrhage with reference to papilledema; experimental and clinical study, 217

Gammon, G. D.: Use of prostigmin as diagnostic test of myasthenia gravis, 890
Ganglion: See also Gasserian ganglion; Nervous System; Neurons
action potential of superior cervical ganglion, 618
anatomic and clinical study of case of Friedreich's disease associated with mental disturbances, 1079

Ganglion—Continued
Nodose: See Neurons
spinal; changes in spinal cord and posterior root ganglions in sepsis, 1102
spinal; polyradiculoganglionitis of Landry's type in syphilitic patient, 1321
Ganglionectomy: See Sympathectomy
Gardner, W. J.: Neuro-epithelial cyst of third ventricle; report of case with recovery following operation, *1055
Gasserian ganglion, injection of alcohol into, 214
Gastric Crises: See Tabes Dorsalis
Gastro-Intestinal Tract: See also Colon; Intestines; Stomach; etc.
new method for removal of foreign bodies from, 1347
Gellhorn, E.: Word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491
Genitals, adrenalin-like action in extracts from prostatic and related glands, 639
changes in hypophysis following lesion in infundibular sex-regulating center, 1075
Gibson, W. C.: Degeneration of *boutons terminaux* in spinal cord; experimental study, *1145
Gildea, E. F.: "Cold pressor test" in tension and anxiety; cardiochronographic study, *964
Glia: See Neuroglia
Glioma, 854
and cerebral syphilis, 1094
effect of roentgenotherapy on, *513, 879
multiple, problems of, 1079
relation of glioma of leptomeninges to neuroglia nests; report of case of astrocytoma of leptomeninges, 400
tumor of brain in monkey, 154
tumor of optic nerve, 399
Globus, J. H.: Meningiomas; origin, divergence in structure and relationship to contiguous tissues in light of phylogenesis and ontogenesis of meninges with suggestion of simplified classification of meningeal neoplasms, *667
Glueck, B.: Clinical experience with hypoglycemic therapy of psychoses, 190
Glycogen, determination in nerve tissue; carbohydrate metabolism of brain, 1071
Goldstein, K.: Psychopathology of Pick's disease, *473
Gonorrhea, encephalitis of brain stem associated with gonococcic disease, 168
Goodhart, S. P.: Presentation of case with moving-pictures, 894
Gordon, A.: Painful hemiplegia; consideration of central pain, 211
Grant, F. C.: Abscess of brain of undetermined etiology; report of 4 cases in which recovery occurred, 1124
Griffith, J. Q., Jr.: Subarachnoid hemorrhage with reference to papilledema; experimental and clinical study, 217
Griggs, D. E.: Changes in spinal cord in diabetes mellitus; report of case with autopsy, *564
Groff, R. A.: Abscess of brain of undetermined etiology; report of 4 cases in which recovery occurred, 1124
Grosh, L. C., Jr.: Observations on insulin hypoglycemic shock in treatment of psychotic patients, 438
Gross, S. W.: Case of intracranial epidermoid, 177
Growth, biologic effects of pineal extract (Hanson); accruing retardation in growth and accruing acceleration in development in successive generations of rats under continuous treatment with pineal extract, 638
biologic effects of thymus extract (Hanson), 1102
effect of liberal intakes of calcium or calcium and phosphorus on growth and body calcium, 1299
Guida, F. P.: Psychoses complicating recovery from extraction of cataract, *818
Guilt, sense of guilt and need for punishment, 1344

Hadden, S. B.: Case of isolated homonymous hemianopia, 1123
Hall, V. R.: Mode of onset of epilepsy, *744
Hallucinations, audiometric examination of patients with verbal auditory hallucinations, 161
auditory, in case of astrocytoma of left temporal lobe, 167
fantom manifestations in case of left hemiplegia, 636
joy which cures, 1089
noises in ear, tinnitus and elementary, common and verbal auditory hallucinations, 1330
visual, and lesions of visual apparatus, 418
Hamilton, S. W.: Organic syndrome in psychoses, 203
Happiness; joy which cures, 1089
Hare, C. C.: Results of roentgen treatment of tumor of pituitary gland; report on 81 patients, 48 of whom were treated exclusively by irradiation, 903
Hassin, G. B.: Changes in brain in plexectomized dogs with comments on cerebrospinal fluid, *1224
Pathologic features of multiple sclerosis and allied conditions, *713
Head: See also Cranium
congenital head-nodding (spasmus nutans) and nystagmus, 1328
gunshot wound, report of case, 906
Injuries: See also Brain, injuries
injuries, intracranial pressure in, 869
injuries; masked epilepsy and simulation of traumatic epilepsy by cerebral tumor with reference to head injuries without fracture, 872
injuries; relations between cochleovestibular system and oculomotor system in case of posttraumatic paralysis of ocular muscles, 169
Headache: See also Migraine
clinical studies in post-lumbar puncture headaches, 1322
Hearing, tests; audiometric examination of patients with verbal auditory hallucinations, 161
Heart, electrocardiography; electrocardiographic changes during encephalography, 644
rate; "cold pressor test" in tension and anxiety; cardiochronographic study, *964
rate, unsteadiness in psychotic and neurotic states, *62
Heat: See also Temperature
anatomical localization of hypothalamic center for regulation of temperature, 1073
poikilothermia with hypothalamic lesions; clinicopathologic study, *1271
Hemato-Encephalic Barrier: See Brain, blood supply; Meninges, permeability
Hematoma: See Meninges, hemorrhage
Hematoporphyrin: See under Melancholia
Hemianopia, aneurysmal dilatation of ophthalmic artery, causing superior pseudohemianopic contraction of visual field, 1092
homonymous; practical points in interpretation with report of 49 cases in which lesion in brain was verified, 881
isolated homonymous, case of, 1123
transitory word blindness associated with right homonymous hemianopia, 1328
Hemiplegia: See also Brain, hemorrhage; Paralysis
fantom manifestations in case of left hemiplegia, 636
painful; consideration of central pain, 211
vasomotor responses in hemiplegic patients, 1299
Hemophilia, paralyses associated with, 411
Hemorrhage, Subarachnoid: See Meninges, hemorrhage
Heredo-Ataxia: See under Ataxia

Herman, M.: Psychoses associated with pernicious anemia, *348
Herpes zoster, bilateral, of trigeminal nerve, 410
zoster, ophthalmic, and total paralysis of oculomotor nerve, 877
zoster ophthalmicus preceded by ocular symptoms, 1321
Heterophoria, functional disturbances of eyes, 880
Heymans, C.: Survival and revival of nerve centers following acute anemia, *304
Hindbrain: See Brain
Hinton Test: See under Syphilis
von Hippel's Disease: See Retina, tumors
Holmer, O. P.: Psychotherapy in cases of suspected organic defects in young children, 1342
Holt, W. L., Jr.: Epidemic encephalitis; follow-up study of 266 cases, *1135
Homosexuality: See Sex, perversion
Hormones: See also Endocrine Glands; Pituitary Preparations
sex, and their relation to schizophrenia, 234
sex; quantitative studies on structural changes induced in anterior hypophysis by injections of estrin, 1103
Hoskins, R. G.: Oxygen metabolism in schizophrenia, *1261
Hospital, Medical Society of St. Elizabeths Hospital, Washington, D. C., 1064
St. Elizabeths, Washington, D. C., superintendent of, 1064
Houser, G. F.: Involutional melancholia; treatment with theelin, *505
Howe, H. A.: Facial tic in relation to injury of facial nerve; experimental study, *1190
Hydrocephalus, changes in brain in plexectomized dogs with comments on spinal fluid, *1224
mechanism of internal hydrocephalus in spina bifida, 152
venous angioma of sylvian aqueduct and fourth ventricle associated with internal hydrocephalus and mental deterioration, 428
Hydrogen Ion Concentration, phosphocreatine and lactic acid changes in potassium chloride contracture of frog muscles in acid solutions, 618
Hyperpnea: See Respiration, hyperpnea
Hyperpyrexia, Artificial: See Fever
Hypertension: See Blood pressure, high
Hyperthermia: See under Fever
Hyperventilation: See Respiration, hyperpnea
Hypnosis, development of apparent unconsciousness during hypnotic reliving of traumatic experience, *1282
Hypoglycemia: See Blood sugar
Hypophysis: See Pituitary Body
Hypopituitarism: See Pituitary Body
Hypothalamus: See also Pituitary Body
anatomical localization of hypothalamic center for regulation of temperature, 1073
changes in hypophysis following lesions in infundibular sex-regulating center, 1075
conduction paths of infrathalamic region; afferent and efferent paths, 615
effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 224
histologic changes in hypothalamus, substantia nigra and inferior olive in epilepsy, 856
hypothalamic regulation of temperature in monkey, *445
myxedema, acromegaly, infundibulotuberal syndrome, melancholic delirium, oneirism, ligneous thyroiditis, pituitary adenoma and pedunculo-mesodiencephalic encephalitis, 1105
poikilothermia with hypothalamic lesions; clinicopathologic study, *1271
proposed mechanism of emotion, *725
relation to disorders of personality; report of case, *291
subthalamus and structures of subthalamomesencephalic region, 393
Icterus: See Jaundice
Idiocy: See also Feeblemindedness
mongolian; anatomic and pathologic features of mongoloidism, 404
Industrial Diseases, central nervous system in acute metallic poisoning, 855
Infantilism, Pituitary: See Pituitary Body, diseases
Infundibulum: See Hypothalamus
Ingram, W. R.: Hypothalamic regulation of temperature in monkey, *445
Insanity: See also Dementia Praecox; Depression; Melancholia; Mental Diseases
aggression and anxiety in determination and nature of manic attacks, *71
Alcoholic: See Alcoholism; Korsakoff Syndrome
delusional; constitutional aspects of paranoid reactions, 205
delusional; relation of persecutory delusions to functioning of gastro-intestinal tract, 857
delusional; religious delusions; report of case, 232
manic-depressive, anatomic-histologic studies in cases of, 853
manic-depressive; melancholia; prognostic study and case-material, 1314
mental disorder associated with child-bearing, 1312
presenile; acquired dementias, 162
venous angioma of sylvian aqueduct and fourth ventricle associated with internal hydrocephalus and mental deterioration, 428
Institute, Georgetown University Brain Research Institute, 1063
Instruments: See Apparatus
Insulin: See also Diabetes Mellitus
carbohydrate metabolism of brain; effect of varying carbohydrate and insulin supply on glycogen, free sugar, and lactic acid in mammalian brain, 617
experiences with insulin shock therapy in schizophrenia, 907
histologic changes in insulin convulsions, 856
hypoglycemic shock in treatment of psychotic patients, 438
hypoglycemic state in treatment of schizophrenia, 879
hypoglycemic treatment of psychoses, 412
response of schizophrenic subjects to hypoglycemic insulin shock, 1325
treatment of schizophrenia by production of hypoglycemic state, 880
Intelligence, behavior and personality of children with endocrine disturbances, 1339
relationship of intellect to speech defect in aphasic patients, 406
Tests: See Mental Tests
Internal Secretions: See Endocrine Glands
Intervertebral Disks: See Spine
Intestines: See also Colon; Gastro-Intestinal Tract; Stomach
pressor and oxytocic fractions of posterior pituitary extract; comparative effects on blood pressure and intestinal activity, 638
Intoxication: See Alcoholism
Iris, atrophy, relation of Argyll Robertson sign to, 1331
Jamaica-Ginger Paralysis: See Neuritis, peripheral
Jasper, H.: Studies on children with behavior problems, 1350
Jaundice, spirochetal; chronic meningitis in Weil's disease, 866
Jaws, neuralgias and ear symptoms, associated with disturbed function of temporomandibular joint, 874
Jelliffe, S. E.: Sigmund Freud as neurologist, 654
Jervis, G. A.: Phenylpyruvic oligophrenia; introductory study of 50 cases of mental deficiency associated with excretion of phenylpyruvic acid, *944
Jews, new data relative to incidence of mental disease among Jews, 156

Jolliffe, N.: Psychoses associated with pernicious anemia, *348
Jourdan, F.: Survival and revival of nerve centers following acute anemia, *304
Joy: See under Happiness
Jurisprudence, Medical; central nervous system in acute metallic poisoning, 855

Kahn, E. A.: Anterolateral chordotomy for intractable pain of tabes dorsalis, *467
Surgical treatment of pineal tumor, *833
Katz, S. E.: Psychopathology of Pick's disease, *472
Kelman, H.: Combined system disease in tabes dorsalis, *43
Kennedy, F.: Samuel Alexander Kinnier Wilson, 388
Keratitis, herpes zoster ophthalmicus preceded by ocular symptoms, 1321
Keschner, M.: Unusual case of myoclonic epilepsy, 896
Kessler, M. M.: Ayala index; preliminary report, 437
King, L. S.: Method for rapid impregnation of microglia and oligodendroglia in material fixed in formaldehyde, *362
Klingmann, T.: Art as means of expression in some of major psychoses as applied in occupational therapy, 234
Környey, S.: Michel von Lenhossék, 140
Korsakoff Syndrome, psychopathologic features of amnesic syndrome (confabulations of patients with Korsakoff's psychosis), 863
Kraines, S. H.: Word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491
Kyphosis: See Spine, curvature

Labyrinth: See Ear, internal; Equilibrium
Lamina Terminalis: See under Brain
Landry Syndrome: See Paralysis, acute ascending
Language, development of language function in children, 1340
psychology of prison language, 1081
relation of handedness to language mechanism, 405
Larsell, O.: Cerebellum; review and interpretation, *580
Lashley, K. S.: Functional determinants of cerebral localization, *371
Lateral Sinus, cranial venous sinuses; correlation between skull markings and roentgenograms of occipital bone, 647
Laubach, C. A.: New method for removal of foreign bodies from gastro-intestinal tract, 347
Laughter, appearance of spasmodic laughing in 2 cases of disseminated sclerosis, 170
"It is to laugh," 661
Laurence-Biedl Syndrome, observation of new syndrome (Biemond) resembling Laurence-Moon-Bardet syndrome, 1106
Leavitt, F. H.: "It is to laugh," 661
Left and Right-Handedness, relation of handedness to language mechanism, 405
Lemmoblastosis: See Neuritis, interstitial
Leptomeninges: See Meninges
Leptomeningitis: See under Meningitis
Levine, M.: Sympathectomy in man; its effect on electrical resistance of skin, *756
Levy, N. A.: Necrotizing encephalitis simulating tumor of brain clinically and due to necrotizing angiitis; clinicopathologic report, *775
Lewis, N. D. C.: Constitutional aspects of paranoid reactions, 205
William Alanson White, 608
Lewy, F. H.: Problem of neuritis, 222
Liber, A. F.: Case of non-neoplastic syringomyelia with Rosenthal fibers; consideration of pathogenesis of syringomyelia, 177
Lichtenstein, B. W.: Cystic tumor of third ventricle containing colloid material, *268
Lindau's Disease: See Angioma
Lipase in Blood: See Blood, lipase
Lipoma, extramedullary pial lipomas along posterior roots, 855
of brain and spinal cord, 624
Lisa, J. R.: Case of non-neoplastic syringomyelia with Rosenthal fibers; consideration of pathogenesis of syringomyelia, 177
Liver, circulation in liver on stimulation of splanchnic nerve, 1075
Lobectomy: See Brain, surgery
Locomotion: See also Movements
cortical area concerned with coordinated walking in rat, 844
Löwenberg, K.: Clinicopathologic study of astrocytomas, *1208
Lorand, S.: Judicious selection of patients for psychoanalytic therapy, 183
Lumbar Puncture: See Spinal Puncture
Lymphadenoma: See Lymphogranuloma
Lymphocytes in Meningitis: See Meningitis
Lymphogranuloma, spinal symptoms with lymphadenoma, 620

McManamy, M. C.: Involutional melancholia; treatment with theelin, *505
Macula Lutea, bilateral representation in, 1332
Mahon, G. S.: Stain for myelin sheaths in tissues embedded in paraffin, *103
Malamud, N.: Encephalomyelitis complicating measles, *1025
Lissauer's dementia paralytica; study of its pathogenesis, *27
Malaria, Therapeutic: See under Dementia Paralytica; Poliomyelitis; Syphilis
Mania: See Insanity
Marriage, marital status in relation to prevalence of mental disease, 157
personality characteristics of happily married, unhappily married and divorced persons, 1087
relation between insanity and marital condition, 626
Masserman, J.: Effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 224
Mastoid, surgical repair of facial nerve, 409
Mathematics, congenital arithmetic disability and acalculia (Henschen), 634
Matthews, R. A.: Chronic encephalitis; symptomatic treatment with benzedrine sulfate, 892
Measles complicating encephalomyelitis, *1025
German: See Rubella
Mecholyl: See Choline and Choline Derivatives
Medulla Oblongata, anatomic problem of palatal myoclonus, 168
arterial supply of lateral parolivary area of medulla oblongata in man, *1243
olivocerebellar atrophy, 1305
presence of colloid inclusions in ganglion cells of human medulla oblongata, 846
role of bulbar olives, 397
secondary vestibular fibers and medial longitudinal bundle, 660
Melancholia: See also Insanity
depressive psychoses occurring at menopause, 1315
hematoporphyrin treatment of melancholia and endogenous depressions, 412
involutional; treatment with theelin, *505
Melanin, pigmentation; relation of nerves to chromatophore pulsations, 618
Melanoblastoma, extensive pigmented nevus associated with primary melanoblastosis of leptomeninges of brain and spinal cord, 852
Melanosarcoma, primary, of brain, numerous pigmented nevi of skin and extensive neurofibromatosis of cutaneous nerves, 621
Meninges: See also Arachnoid; Pia Mater
carcinomatous cells in spinal fluid, 1080
effect of injections of colloidal thorium dioxide on ventricles and subarachnoid spaces, *340
extensive pigmented nevus associated with primary melanoblastosis of leptomeninges of brain and spinal cord, 852

Meninges—Continued
Hemorrhage: See also Brain, hemorrhage
hemorrhage; etiology of subdural hematoma, 401
hemorrhage; prognostic factors in spontaneous subarachnoid hemorrhage, *239
hemorrhage; role of scurvy in etiology of chronic subdural hematoma, 866
hemorrhage, subarachnoid, with reference to papilledema; experimental and clinical study, 217
membranous parts of brain, meninges and their blood vessels in Amblystoma, 844
permeability; hemato-encephalic barrier and sympathetic nervous system, 633
permeability to arsenic in cases of dementia paralytica before and after malaria therapy, 165
primary tumor of optic nerve, 400
tumors; atypical varieties of meningioma; multiple, recurrent and infiltrating tumors, 402
tumors; meningeal mesenchymoma of foreign body origin, 623
tumors; meningiomas; origin, divergence in structure and relationship to contiguous tissues in light of phylogenesis and ontogenesis of meninges with suggestion of simplified classification of meningeal neoplasms, *667
tumors; relation of glioma of leptomeninges to neuroglia nests; report of case of astrocytoma of leptomeninges, 400
tumors; unilateral exophthalmos produced by meningioma of middle cranial fossa, 405
Meningioma, atypical varieties of; multiple, recurrent and infiltrating tumors, 402
origin, divergence in structure and relationship to contiguous tissues in light of phylogenesis and ontogenesis of meninges with suggestion of simplified classification of meningeal neoplasms, *667
unilateral exophthalmos produced by meningioma of middle cranial fossa, 405
Meningitis: See also Arachnoid; Meningococci; Meningo-Encephalitis
acute cystic pneumococcic meningitis in patient with dementia paralytica, 401
acute idiopathic or epidemic serous meningitis, 867
acute lymphocytic, 1092
chronic, in Weil's disease, 866
due to Brucella in child, 1091
epidemic in mouse colony due to virus of acute lymphocytic choriomeningitis, 633
lymphocytic, virus etiology of 1 form of, 866
meningeal reaction in erythema nodosum, 868
otitic; report of case in which treatment with continuous spinal drainage was used, 632
pathologic histology of lymphocytic choriomeningitis in monkeys, 633
Serosa Circumscripta Spinalis: See under Arachnoid
surgical treatment of meningitis of otitic and nasal origin, 1324
tuberculous, pathogenesis of, 1093
tuberculous, role of bovine type of bacillus in etiology in children, 867
tuberculous, significance of diminution of spinal fluid sugar in, 865
Meningococci: See also under Meningitis
ocular complications of cerebrospinal meningitis, 164
significance of serologic types among meningococci, 865
Meningo-Encephalitis, 231. See also Encephalitis; Meningitis
epidemic lymphocytic; report of 37 cases occurring in Philadelphia, 1090
tumor syndrome with hyperthermia and visceral disorders due to chronic basilar tuberculous meningo-encephalitis, 166
Menopause, depressive psychoses occurring at, 1315
Mental Deficiency: See Feeblemindedness
Mental Diseases: See also Children; Dementia Praecox; Feeblemindedness; Insanity; Mental Hygiene; Neuroses; Psychoses; etc.
anatomic and clinical study of case of Friedreich's disease associated with mental disturbances, 1079
art as means of expression in some of major psychoses as applied in occupational therapy, 234
constitutional relationship between tuberculosis and mental disease, 630
disease process resembling amyotrophic lateral sclerosis with mental symptoms, 407
effect of hypertonic solution of dextrose in cases of acute confusion and agitation, 1327
fate of 150 psychiatric outpatients, 1313
fugue reaction during course of cataphrenic episode, 163
homonymous states in pernicious anemia, 1315
hypoglycemic treatment of psychoses, 412
marital status in relation to prevalence of, 157
mental syndrome of corpus callosum tumors, 870
mood—content problem and thymonoic reactions, *90
new data relative to incidence among Jews, 156
organic syndrome in psychoses, 203
problem of symptomatic psychoses, 628
psychopathology of Pick's disease, *473
psychoses associated with pernicious anemia, *348
relation between insanity and marital condition, 626
selective involvement of layers of cerebral cortex in, 1306
significance of sedimentation rate in neurology and psychiatry, 645
subcortical prefrontal lobotomy in treatment of certain psychoses, 225
sugar in blood and spinal fluid, 173
unsteadiness of heart rate in psychotic and neurotic states, *62
Mental Hygiene, student mental-hygiene work at University of Michigan, 4 years of, 156
utilization of play in construction of healthy mental attitudes, 1083
Mental Tests: See also Character; Personality
word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491
Mesencephalon: See under Brain
Mesenchymoma, meningeal, of foreign body origin, 623
Metals, Poisoning: See under Poisons and Poisoning
Microcephaly, congenital malformation of cerebrum associated with microcephaly, 152
Microglia: See Neuroglia
Midbrain: See Brain
Migraine, effect of ergotamine tartrate on pressure of spinal fluid and blood during migraine headache, 172
Milhorat, A. T.: Studies in diseases of muscle; metabolism of creatine and creatinine in progressive muscular dystrophy, *992
Milk, role of bovine type of bacillus in etiology of tuberculous meningitis in children fed on raw milk, 867
Mind Blindness: See Blindness, psychic
Minor Syndrome: See Spinal Cord, injuries
Mitchell, R. S.: Prostigmin in diagnosis and treatment of myasthenia gravis, 1349
Molitch, M.: Behavior, personality and intelligence of children with endocrine disturbances, 1339
Mongolism: See Idiocy, mongolian
Monsters, microcephalic fetus without eyes and nose and with serious defects of forebrain, cerebellum, inner ear and endocrine glands, 846
Morphine, statistical study of 90 addicts, 631
Morter, R. A.: "Sex hormones" and their relation to schizophrenia, 234

Most, H.: Psychoses associated with pernicious anemia, *348
Movements: See also Automatism; Eyes, movements; Locomotion; Muscles
akinetic states following introduction of air into third ventricle and their significance, 175
congenital motor disturbances of cranial nerves in 1 family, 11 cases, 876
dyskinesia, presentation of case with moving-pictures, 894
dyskinesia; presentation of cases, 895
specific responses elicitable from subdivisions of motor cortex of cerebrum of cat, 614
Muncie, W.: Mood—content problem and thymonoic reactions, *90
Muscles, chemical changes in hypophysectomized toad, 637
chemical transmission of excitation from motor nerve to voluntary muscle, 849
cholesterol content of, 847
Dystrophy: See Dystrophy, muscular
effects of drugs on transmission from nerve to voluntary muscle and accommodation to different rates of destruction of chemical transmitter, 849
hypertrophy and muscle cramps in case of polyradiculitis, 1321
influence of high pressure on action currents of muscle and nerve, 620
innervation of muscle of accommodation in eye of teleost, Holocentrus, 1066
myographic and electromyographic studies of myasthenia gravis, 413
Ocular: See under Eyes
phosphocreatine and lactic acid changes in potassium chloride contracture of frog muscles in acid solutions, 618
physiologic function of orbicularis palpebrarum muscle and problem of superior portion of facial nerve, 393
studies in diseases of; metabolism of creatine and creatinine in progressive muscular dystrophy, *992
Myasthenia gravis, myographic and electromyographic studies of, 413
gravis, prostigmin in diagnosis and treatment of, 1349
gravis, prostigmin treatment for, 1327
gravis, treatment of; report of 6 cases, 423
gravis, use of prostigmin as diagnostic test of, 890
Myelin: See under Nervous System
Myelitis: See Encephalomyelitis
Myelography: See Spinal Canal Roentgenography
Myelomalacia: See Spinal Cord
Myelopathy: See Spinal Cord
Myers, H. B.: Experimental studies of serum lipase in multiple sclerosis, *288
Myoclonus, palatal, anatomic problem of, 168
Myopia, obesity and ocular symptoms in mentally alert children due to hypothyroidism, 637

Narcolepsy: See Sleep, disturbances
Narcosis: See Anesthesia
Nasopharynx, unilateral global paralytic syndrome of 12 cranial nerves, 170
Necrosis, necrotizing encephalitis simulating tumor of brain clinically and due to necrotizing angiitis; clinicopathologic report, *775
Nerves: See also under Neuralgia; Neuritis; Paralysis
Cells: See Neurons
changes in lateral-line organs during life of newt, Triturus viridescens, 845
cochlear, reaction to destruction of its end organs: study on deaf albino cats, 613
congenital motor disturbances of cranial nerves in 1 family, 11 cases, 876
facial; physiologic function of orbicularis palpebrarum muscle and problem of superior portion of facial nerve, 393
facial tic in relation to injury of facial nerve: experimental study, *1190
Nerves—Continued
influence of high pressure on action currents of muscle and nerve, 620
intramedullary course of dorsal root fibers of each of first 4 cervical nerves, 1065
isolated electric stimulation of 2 vestibular nerves; double chronaxia on each side, 883
limb movements studied by electrical stimulation of nerve roots and trunks in Amblystoma, 612
olfactory; change in volume of olfactory and accessory olfactory bulbs of albino rat during postnatal life, 612
Optic: See also Neuritis, optic
optic connections of diencephalon and midbrain of cat, 391
optic; differential oxygen uptake of regions of Limulus optic nerve as related to distance from sense organ, 143
optic, primary tumors of, 400, 405
optic, tumor of, 399
peripheral, neurofibroma and neurofibrosarcoma unassociated with Recklinghausen's disease; report of 25 cases, 874
relation to chromatophore pulsations, 618
roots; extramedullary pial lipomas along posterior roots, 855
roots; muscular hypertrophy and muscle cramps in case of polyradiculitis, 1321
roots; polyradiculoganglionitis of Landry's type in syphilitic patient, 1321
Spinal: See also Nerves, roots
spinal, growth responses to grafted brain tissue, 1296
splanchnic, circulation in liver on stimulation of, 1075
splanchnic, is resection justified in treatment of permanent essential arterial hypertension? 1326
survival and revival of nerve centers following acute anemia, *304
Trigeminal: See also Neuralgia, trigeminal
trigeminal, bilateral herpes zoster of, 410
Vagus: See also under Heart
vagus; morphology of neurons migrated from ganglion nodosum of vagus in birds, 1295
Nervous System: See also Brain; Cerebellum; Nerves; Reflex; Spinal Cord; etc.
action potentials in crayfish; temporal relations in presynaptic and postsynaptic responses, 1071
adaptation of original Weigert technic for staining myelin sheaths in formaldehyde-pyroxylin material, *1291
autonomic, action of yohimbine on, 1303
autonomic, relationship to pathogenesis of epilepsy, *16
carcinomatous cells in spinal fluid, 1080
central, in acute metallic poisoning, 855
changes in cells of striated ducts of cat's submaxillary gland after autonomic stimulation and nerve section, 1070
diffuse lemmoblastosis of central nervous system, 1308
Diseases: See also Epilepsy; Mental Diseases; Neuritis; Neuroses; Psychoses; etc.
diseases; combined system disease in tabes dorsalis, *43
distant effects of high frequency currents on nerves, 150
distribution of sympathetic nerve fibers to hind limb of cat, 843
embryology in grasshopper, Melanoplus differentialis (Acrididae; Orthoptera), 1067
epileptiform convulsions from "remote" excitation, *259
influence of sympathetic nerve fibers on coronary vessels, 1075
physiologic effects of acetyl-beta-methylcholine (mecholyl) and its relationship to other drugs affecting autonomic nervous system, 1298
physiology; effect of lesions in central nervous system of rat upon reflex time, 144
relationship of microglia cells to blood vessels, 1069

Nervous System—Continued
role of hypophysis in transmission of irritation, 1107
significance of sedimentation rate in neurology and psychiatry, 645
spinal fluid in vascular diseases of central nervous system, 641
stain for myelin sheaths in tissues embedded in paraffin, *103
sugar in blood and spinal fluid, 173
Surgery: See Sympathectomy
sympathetic, and hemato-encephalic barrier, 633
Syphilis: See Syphilis
tumors; dermoid and epidermoid tumors (cholesteatomas) of central nervous system, 870
tumors; lipomas of brain and spinal cord, 624
vegetative disturbances following encephalography, 175
vegetative, in dementia praecox, 640
Neuralgia and ear symptoms, associated with disturbed function of temporomandibular joint, 874
glossopharyngeal, 876
trigeminal, occurrence in patients having multiple sclerosis, 634
Neuritis, interstitial; diffuse lemmoblastosis of central nervous system, 1308
interstitial; progressive familial hypertrophic neuritis (Dejerine-Sottas), 410
multiple; etiology of polyneuritis in alcohol addict, 875
multiple; gastrogenous polyneuritis, 876
multiple; relation of spinal fluid to polyneuritis, 174
neuritic manifestations in diabetes mellitus, 408
optic, of dental origin, 420
optic; subarachnoid hemorrhage with reference to papilledema; experimental and clinical study, 217
peripheral; follow-up study of 35 cases of paralysis caused by adulterated Jamaica-ginger extract, 1320
problem of, 222
Neurofibroma and neurofibrosarcoma of peripheral nerves unassociated with Recklinghausen's disease; report of 25 cases, 874
Neurofibromatosis, familial congenital Bourneville's disease (tuberous sclerosis) associated with symptoms of neurofibromatosis (Recklinghausen's disease), 635
primary melanosarcoma of brain, numerous pigmented nevi of skin and extensive neurofibromatosis of cutaneous nerves, 621
Neurofibrosarcoma and neurofibroma of peripheral nerves unassociated with Recklinghausen's disease; report of 25 cases, 874
Neuroglia, method for rapid impregnation of microglia and oligodendroglia in material fixed in formaldehyde, *362
relation of glioma of leptomeninges to neuroglia nests; report of case of astrocytoma of leptomeninges, 400
relationship of microglia cells to blood vessels, 1069
Neurology, progress in 1934, 870
Sigmund Freud as neurologist, 654
Neuromyelitis Optica: See Neuritis, optic
Neurons, autonomic, Nissl granules of, 613
degeneration of *boutons terminaux* in spinal cord; experimental study, *1145
electrical excitability of motoneurons, 143
morphology of neurons migrated from ganglion nodosum of vagus in birds, 1295
results of recent studies in field of neuron theory, 850
Neuropsychiatry, residencies in, 1064
Neuroses: See also Mental Diseases; Psychoses; etc.
problem of long-continued, low grade fever, 857
psychogenic aspects of skin diseases, 858
social neurosis, 1112
Neurosurgery: See Sympathectomy
Neurosyphilis: See Syphilis
Nevi, extensive pigmented nevus associated with primary melanoblastosis of leptomeninges of brain and spinal cord, 852
primary melanosarcoma of brain, numerous pigmented nevi of skin and extensive neurofibromatosis of cutaneous nerves, 621
Newell, R. R.: Device for controlled faradic stimulation, *1289
Nielsen, J. M.: Unilateral cerebral dominance as related to mind blindness; minimal lesion capable of causing visual agnosia for objects, *108
Nissl Granules: See Neurons
Nitrogen and sulfur metabolism in suprarenalectomized rats, 638
effect of injection of certain nitrogen-containing compounds into cisterna magna on blood pressure of dogs, 1322
Nowak, S. J. G.: Survival and revival of nerve centers following acute anemia, *304
Nucleus Pulposus: See Spine, intervertebral disks
Nunberg, H.: Psychologic interrelation of physician and patient, 1109
Nystagmus: See also Cerebellum; Ear, internal; Equilibrium; Reflex, aural
and congenital head-nodding, 1328

Oberndorf, C. P.: Dictaphonic reproduction in case of depersonalization, 429
Feeling of stupidity, 1111
Obesity and ocular symptoms in mentally alert children due to hypothyroidism, 637
hyperostosis frontalis interna, 1094
Obituaries:
von Lenhossék, Michel, 140
Stearns, William G., 1122
White, William Alanson, 608
Wilson, Samuel Alexander Kinnier, 388
Occipital Bone, cranial venous sinuses; correlation between skull markings and roentgenograms of occipital bone, 647
Occupational therapy, art as means of expression in some of major psychoses as applied in, 234
Oil, prevention of nutritional encephalomalacia in chicks by vegetable oils and their fractions, 1076
Old Age, endocrine glands and brain in, 640
senile erotism in women, 1089
Oldberg, E.: Changes in brain in plexectomized dogs with comments on cerebrospinal fluid, *1224
Scoliosis with tumor of spinal cord, 1119
Olfactometry: See under Smell
Olfactory Bulb: See Nerves, olfactory
Glands: See under Smell
Oligodendroglia: See Neuroglia
Oligophrenia: See Feeblemindedness
Olivary Bodies: See Medulla Oblongata
Olsen, C. W.: Changes in spinal cord in diabetes mellitus; report of case with autopsy, *564
Ophthalmoplegia: See Eyes, paralysis
Optic Chiasm, iodoventriculographic picture of chiasmatic arachnoiditis, 1334
traumatic lesions of, 1329
Optic Disk, Choked: See Neuritis, optic
Optic Thalamus: See Thalamus
Orbit, multiple orbitocranial lesions from lead shot; syndrome of hemorrhage of cavernous sinus, 165
Orloff, M. E.: Role of wish-fulfilling mechanism in psychosis, 1345
Orzechowski, K.: Relationship of autonomic nervous system to pathogenesis of epilepsy, *16
Osteomyelitis of frontal bone; notes on 3 cases, 1091
Otitis Media, otitic meningitis; report of case in which treatment with continuous spinal drainage was used, 632
surgical treatment of meningitis of otitic and nasal origin, 1324

Otolith Apparatus, chemical analysis of otoliths and endolymphatic sac deposits in Ambystoma tigrinum, 612
Ovary, relationship of anterior pituitary gland to thyroid and ovary, 1103
Oxidation, metal catalysts in biologic oxidations; tissue inhibitors, 396
Oxygen, deficiency; relationship between alcoholic intoxication and anoxemia, 847
deficiency; word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491
differential oxygen uptake of regions of Limulus optic nerve as related to distance from sense organ, 143
metabolism in schizophrenia, *1261

Pain: See also Sensation and Sensations
anterolateral chordotomy for intractable pain of tabes dorsalis, *467
occurrence of trigeminal neuralgia in patients having multiple sclerosis, 634
painful hemiplegia; consideration of central pain, 211
Palate, anatomic problem of palatal myoclonus, 168
Palsy: See Paralysis
Papez, J. W.: Connections between striatum and substantia nigra in human brain, *550
Proposed mechanism of emotion, *725
Papilledema: See Neuritis, optic
Paralysis: See also Eyes, paralysis; Hemiplegia; Poliomyelitis
acute ascending; Landry's paralysis, 2 anatomoclinical observations of, 1101
acute ascending; polyradiculoganglionitis of Landry's type in syphilitic patient, 1321
associated with hemophilia, 411
Bell's: See Paralysis, facial
facial; clinical and electrical study of case of partial hereditary and familial facial diplegia, 1320
facial; surgical repair of facial nerve, 409
flaccid, mechanism in cerebral hemiplegia, 398
General: See Dementia Paralytica
Infantile: See Poliomyelitis
ophthalmic herpes zoster and total paralysis of oculomotor nerve, 877
progressive, of dorsal interosseous nerve, 885
unilateral global paralytic syndrome of 12 cranial nerves, 170
Paranoia: See Insanity, delusional
Paresis: See Dementia Paralytica
Parietal Lobe: See Brain
Parkinsonism: See also Encephalitis
tuberculous encephalitis of striatum associated with parkinsonian syndrome, 867
Patterson, R. M.: Encephalographic findings in dementia praecox, 439
Peptic Ulcer, ulceration in digestive tract of dog following intracranial procedures, 395
Perivasculitis: See Brain, blood supply
Personality, behavior and intelligence of children with endocrine disturbances, 1339
characteristics of happily married, unhappily married and divorced persons, 1087
dictaphonic reproduction in case of depersonalization, 429
relation of hypothalamus to disorders of personality; report of case, *291
significance of Rorschach test, 860
Phobia: See Anxiety
Phosphates in Blood: See Blood, phosphates
Phospholipids: See Blood, fats and lipoids
Phosphorus, effect of liberal intakes of calcium or calcium and phosphorus on growth and body calcium, 1299
Physician, psychologic interrelation of physician and patient, 1109
Physostigmine, chemical transmission of excitation from motor nerve to voluntary muscle, 849
Pia Mater: See also Meninges
cerebral circulation; effect of alcohol on cerebral vessels, *321
extramedullary pial lipomas along posterior roots, 855
Pick's Disease: See Brain, atrophy
Pineal Gland, biologic effects of pineal extract (Hanson); accruing retardation in growth and accruing acceleration in development in successive generations of rats under continuous treatment with pineal extract, 638
roentgenologic study of orientation of pineal body; comparison of proportional and graphic method in absence of tumor of brain, *1199
tumor, operative experience in cases of, 878
tumor, surgical treatment of, *833
Pituitary Body: See also Hypothalamus; Sella Turcica
change in basophil cells of pituitary gland in common to conditions which exhibit syndrome attributed to basophil adenoma, 1104
changes in hypophysis following lesion in infundibular sex-regulating center, 1075
chemical changes in muscle of hypophysectomized toad, 637
cytological changes in hypophysis cerebri of garter snake (Thamnophis radix) following thyroidectomy, 393
diseases; hypophysial infantilism; treatment with anterior hypophysial extract, 637
diseases; report of case of "Simmond's disease" with recovery, 639
diseases; treatment of pituitary infantilism with anterior pituitary extract, 1324
endocrine factor in pathogenesis of arterial hypertension, increased intracranial pressure, and premature arteriosclerosis; role of hypophysis, 1106
interrelationships among urinary, pituitary and placental gonadotropic factors, 1104
is all colloid observed in midbrain of hypophysial origin? 1297
pars nervosa of hypophysis, 1120
pituitary-hypothalamic mechanism: experimental occlusion of pituitary stalk, 1072
quantitative studies on structural changes induced in anterior hypophysis by injections of estrin, 1103
relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 1108
relationship of anterior pituitary gland to thyroid and ovary, 1103
responses of normal and hypophysectomized rabbits to adrenalin, 1105
role of hypophysis in transmission of irritation, 1107
significance of different types of cells of anterior pituitary, 1070
tumors, results of roentgen treatment; report on 81 patients, 48 of whom were treated exclusively by irradiation, 903
tumors; treatment of intrasellar tumors by radon, 879
Pituitary Preparations, effect of pituitary (posterior lobe) extract upon urinary flow, 1105
pressor and oxytocic fractions of posterior pituitary extract; comparative effects on blood pressure and intestinal activity, 638
Placenta, interrelationships among urinary, pituitary and placental gonadotropic factors, 1104
Play, primal scene and destiny, 626
utilization in construction of healthy mental attitudes, 1083
Plexectomy: See Choroid Plexus
Plexus: See Choroid Plexus
Pneumography: See Brain, roentgenography
Poisons and Poisoning: See also under names of various substances, as Chenopodium; etc.
central nervous system in acute metallic poisoning, 855
hemorrhages into floor of fourth ventricle in intoxications and inflammations of brain, 1308

Polioencephalitis: See Encephalitis
Polioencephalomyelitis: See Encephalomyelitis
Poliomyelitis: See also Encephalomyelitis
epidemic, malariotherapy after acute paralytic stage in, 1327
experimental, contribution to pathologic picture in, 1081
poliomyelopathia chronica; report of case with histologic study, *537
Pollock, L. J.: Carbohydrate metabolism in epilepsy, 229
Polyneuritis: See Korsakoff Syndrome; Neuritis, multiple
Pons Varolii, anatomic problem of palatal myoclonus, 168
Poriomania: See Automatism
Porphyrin in Urine: See Urine, porphyrin
Position: See Posture
Posture: See also under Reflex
factors producing lumbar spinal fluid pressure in man in erect posture, *1158
nucleus of posterior longitudinal bundle, fibers arising therefrom and probable relation of both to automatic posture of head, 1297
position of feet in station of man; relations of these phenomena to state of vestibular apparatus, 150
Potassium chloride, phosphocreatine and lactic acid changes in potassium chloride contracture of frog muscles in acid solutions, 618
Pregnancy: See also Puerperium; etc.
influence of pituitary-like substance in human pregnancy urine on motor components of sexual behavior in South African clawed toad (Xenopus laevis), 147
urine in; interrelationships among urinary, pituitary and placental gonadotropic factors, 1104
Pressure, high, influence on action currents of muscle and nerve, 620
Preu, P. W.: Psychoses complicating recovery from extraction of cataract, *818
Pringle's Disease: See Sclerosis, tuberous
Prostate, adrenalin-like action in extracts from prostatic and related glands, 639
cancer; transitory word blindness associated with right homonymous hemianopia in patient with cancer of prostate, 1328
Prostigmin, depressant peripheral effect of prostigmin and its temporary antagonism by curarine, 1300
Therapy: See Myasthenia gravis
Protein, quantities lost by various organs and tissues of body during fast, 847
Psychoanalysis: See also Psychotherapy
feeling of stupidity, 1111
final goal of psychoanalytic treatment, 1313
importance of dream-analysis for psychological development, 860
introjection and schizophrenia, 157
judicious selection of patients for psychoanalytic therapy, 183
logic of emotions and its dynamic background, 159
primal scene, play and destiny, 626
projection, 1311
psychologic interrelation of physician and patient, 1109
purposive accidents as expression of self-destructive tendencies, 160
role of wish-fulfilling mechanism in psychosis, 1345
sense of guilt and need for punishment, 1344
sociological significance of communism considered in light of, 1085
transference phenomenon in case of phobia, 1116
Psychoneuroses: See Neuroses; Psychoses
Psychoses: See also Insanity; Mental Diseases; Neuroses; etc.
bromide psychosis, study of 50 cases, 653
clinical experience with hypoglycemic therapy of, 190
complicating recovery from extraction of cataract, *818
evaluation of biochemical approach to, 207
Psychoses—Continued
hypoglycemic treatment; experiences at Bellevue Hospital, 191
insulin hypoglycemic shock in treatment of psychotic patients, 438
lesions of corpus callosum among psychotic persons, 1347
new method of treatment for acute postoperative and posttraumatic psychoses, 1336
origin and nature of hypoglycemic therapy of, 188
possibilities of surgical treatment in treatment for certain psychoses; first trial of psychosurgery; technic and results, 1089
role of wish-fulfilling mechanism in, 1345
symptomatic, with bromide intoxication, 1084
Psychotherapy: See also Psychoanalysis
in cases of suspected organic defects in young children, 1342
Puerperium, mental disorder associated with child-bearing, 1312
Pulse, rate; "cold pressor test" in tension and anxiety; cardiochronographic study, *964
Punishment, sense of guilt and need for punishment, 1344
Pupils, Argyll Robertson sign, 1331
central path of light reflex, 843
isolated abolition of light reflex (etiologic value of Argyll Robertson sign); nonsyphilitic form, 418
Putnam, T. J.: Adaptation of original Weigert technic for staining myelin sheaths in formaldehyde-pyroxylin material, *1291
Disseminated encephalomyelitis; histologic syndrome association with thrombosis of small cerebral vessels, 1127
Vascular architecture of lesions of multiple sclerosis, *1
Pyknolepsy, 634
Pyramidal Tract, dissociation of cortical excitation from cortical inhibition by pyramid section and syndrome of that lesion in cat, 144

Radiations: See also Roentgen Rays
consideration of biological factors influencing radiosensitivity of cells, 617
Radiculitis: See Nerves, roots
Ranson, S. W.: Hypothalamic regulation of temperature in monkey, *445
Rathmell, T. K.: Lesions of corpus callosum among psychotic persons, 1347
Read, C. F.: Meningo-encephalitis, 231
Reading, development of language function in children, 1340
Recklinghausen's Disease: See Neurofibromatosis
Reese, H. H.: Experiences with insulin shock therapy in schizophrenia, 907
Reflex: See also Automatism
aural; labyrinthine reflexes after otolithic membranes have been thrown off, 620
Carotid Sinus: See Carotid Sinus
effect of experimental lesions of cortex on "psychogalvanic reflex" in cat, *308
effect of lesions in central nervous system of rat upon reflex time, 144
posture; physiological study of cerebral motor cortex and control of posture in sloth, 143
pupillary; central path of light reflex, 843
pupillary; isolated abolition of light reflex (etiologic value of Argyll Robertson sign); nonsyphilitic form, 418
superficial abdominal, 848
tendon; clinical picture of minor cord lesions in association with injuries of cervical spine, 1318
Reider, N.: Hyperostosis frontalis interna; degenerative disease of brain, 658
Religion; religious delusions; report of case, 232
Respiration, cortical innervation of respiratory movements; slowing of respiratory movements by cerebral stimulation, 397
hyperpnea; word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea, *491

Retina: See also Macula Lutea
cerebral representation in chimpanzee, 416
tumors; roentgenographic diagnosis of retinoblastoma, 1333
tumors; von Hippel's disease; Lindau's disease, 872, 1095
volumetric measurements of contractile elements of rods and cones, 614
Retinoblastoma, roentgenographic diagnosis of, 1333
Reye, H. A.: Religious delusions; report of case, 232
Richter, C. P.: Sympathectomy in man; its effect on electrical resistance of skin, *756
Richter, H.: Unsteadiness of heart rate in psychotic and neurotic states, *62
Roback, H. N.: Myelomalacia without thrombosis following indirect trauma (strain), 658
Roentgen Rays: See also Radiations
effect of roentgenotherapy on gliomas, *513
late injury of human brain resulting from roentgen irradiation, 154
Rorschach Test: See Personality
Rosenheck, C.: Venous angioma of sylvian aqueduct and fourth ventricle associated with internal hydrocephalus and mental deterioration, 428
Rubella, encephalitis following German measles, 650
Rundles, R. W.: Connections between striatum and substantia nigra in human brain, *550

Sager, O.: Sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Sakel, M.: Origin and nature of hypoglycemic therapy of psychoses, 188
Sands, I. J.: Unusual case of intracranial aneurysm; clinical and pathologic demonstration, 649
Sarcoma: See Melanosarcoma; Neurofibrosarcoma; etc.
Savitsky, N.: Ayala index; preliminary report, 437
Schele, H.: Use of prostigmin as diagnostic test of myasthenia gravis, 890
Schilder, P.: Social neurosis, 1112
Schilder-Flatau's Disease: See Encephalitis periaxialis diffusa
Schizophrenia: See Dementia Praecox
Schube, P. G.: Involutional melancholia; treatment with theelin, *505
Schwab, D. M.: Adaptation of original Weigert technic for staining myelin sheaths in formaldehyde-pyroxylin material, *1291
Schwab, R. S.: Prostigmin in diagnosis and treatment of myasthenia gravis, 1349
Schwartz, H. G.: Effect of experimental lesions of cortex on "psychogalvanic reflex" in cat, *308
Schwarz, G.: Fracture dislocation in region of atlas and axis with consideration of delayed neurologic manifestations and roentgenographic features, 426
Sciatica, air myelography in diagnosis of lesions of spinal canal with reference to those of nucleus pulposus and to "sciatic syndrome," 1126
Sclerosis: See also Arteriosclerosis
bilateral atrophic lobar sclerosis following thrombosis of superior longitudinal sinus, 1078
combined, liver therapy for, 878
diffuse cerebral sclerosis, study of, 853
diffuse, of cerebellum, 622
disease process resembling amyotrophic lateral sclerosis with mental symptoms, 407
disseminated, appearance of spasmodic laughing in 2 cases of, 170
multiple, and allied conditions, pathologic features, *713
Sclerosis—Continued
multiple; atrophy of parietal and cerebellar lobes associated in certain cases with multiple sclerosis, 218
multiple, experimental studies of serum lipase in, *288
multiple; occurrence of epidemic encephalitis combined with multiple sclerosis, 621
multiple; occurrence of trigeminal neuralgia in patients having multiple sclerosis, 634
multiple; relation between disseminated nonsuppurative encephalomyelitis and multiple sclerosis, 624
multiple, vascular architecture of lesions of, *1
tuberous; familial congenital Bourneville's disease associated with symptoms of neurofibromatosis (Recklinghausen's disease), 635
Scoliosis: See Spine, curvature
Scott, E.: Relation of increased intracranial tension to arterial hypertension, 886
Scott, M.: Air myelography in diagnosis of lesions of spinal canal with reference to those of nucleus pulposus and to "sciatic syndrome," 1126
Atrophy of parietal and cerebellar lobes associated in certain cases with multiple sclerosis, 218
Curve for sugar content of blood following encephalography; comparison with usual curve for dextrose tolerance, *985
Scott, W. A.: Incidence of pulmonary tuberculosis in schizophrenic patients during period of 5 years in Ypsilanti State Hospital, 440
Scurvy, role in etiology of chronic subdural hematoma, 866
Secretions, Internal: See Endocrine Glands
Sella Turcica, tumors of sellar region, 873
Semicircular Canals: See Ear, internal
Senility: See Old Age
Sensation and Sensations: See also Pain; Pressure; Smell; etc.
cortical sensory disturbances in man, 1074
inhibition and extinction of sensitive points of skin, 1302
sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Septicemia, changes in spinal cord and posterior root ganglions in sepsis, 1102
Sex, influence of pituitary-like substance in human pregnancy urine on motor components of sexual behavior in South African clawed toad (Xenopus laevis), 147
perversion; unconscious homosexuality, 1344
senile erotism in women, 1089
Shingles: See Herpes zoster
Silverstein, A.: Progressive paralysis of dorsal interosseous nerve, 885
Simmonds' Disease: See Pituitary Body, diseases
Sinus, Thrombosis: See under Thrombosis
Sinuses, Nasal; surgical treatment of meningitis of otitic and nasal origin, 1324
Skin diseases, psychogenic aspects of, 858
sympathectomy in man; its effect on electrical resistance of skin, *756
Skull: See Cranium
Sleep, disturbances; contribution to history of narcolepsy, *136
disturbances; symptomatology of narcolepsy and its treatment, 1302
prolonged, recurrent attacks of, 861
Sloan, L. H.: Association of carotid sinus reflexes with syncope and convulsions; report of 4 cases, *761
Smell, sense of; localization of tumors of frontal lobe of brain by quantitative olfactory tests, 644
summation of olfactory impulses from 2 olfactory membranes and its physiological significance, 616
Societies, Medical Society of St. Elizabeths Hospital, Washington, D. C., 1064

SOCIETY TRANSACTIONS:
Boston Society of Psychiatry and Neurology, 1348
Chicago Neurological Society, 222, 658, 906, 1118
Detroit Society of Neurology and Psychiatry, 232, 438
New York Academy of Medicine, Section of Neurology and Psychiatry, 177, 648
New York Neurological Society, 428
New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry, 188, 1109
New York Neurological Society and Philadelphia Neurological Society, 894
Philadelphia Neurological Society, 211, 423, 661, 885, 1123
Philadelphia Psychiatric Society, 1336

Sodium amytal, effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 224
Solomon, P.: Studies on children with behavior problems, 1350
Somnambulism, extreme encephalitic parkinsonism with contractures which relax during somnambulistic state, 166
Sottas-Dejerine's Disease: See Neuritis, interstitial
Spasm: See also Chorea; Convulsions; Epilepsy; etc.
facial tic in relation to injury of facial nerve; experimental study, *1190
histopathologic alterations in case of buccolingual spasm of postencephalitic origin, 1080
muscular hypertrophy and muscle cramps in case of polyradiculitis, 1321
Spasmus Nutans: See under Head
Speech, defects; anatomic explanation of dysarthria associated with dementia paralytica, 873
excision of speech area without resultant aphasia, 430
relationship of intellect to speech defect in aphasic patients, 406
words and masses; pictorial contribution to psychology of stammering, 1084
Spina Bifida, mechanism of internal hydrocephalus in, 152
Spinal Canal Roentgenography, air myelography in diagnosis of lesions of spinal canal with reference to those of nucleus pulposus and to "sciatic syndrome," 1126
Spinal Cord: See also Meninges; Nervous System; Pyramidal Tract; etc.
abscess of, 1319
all or none law; block; alternans, bigemini and allied phenomena as properties of spinal cord, 619
changes in cord and posterior root ganglions in sepsis, 1102
changes in diabetes mellitus; report of case with autopsy, *564
clinical picture of minor cord lesions in association with injuries of cervical spine, 1318
combined system disease in tabes dorsalis, *43
compression caused by ecchondrosis of intervertebral fibrocartilage, 1316
degeneration of *boutons terminaux* in; experimental study, *1145
differentiation of colored spinal fluids, 1322
injuries; syndrome of epiconus of Minor, 1319
medullary alterations in case of chronic alcoholism, 621
myelomalacia without thrombosis following indirect trauma (strain), 658
neoplasms; review of 42 surgical cases, 1316
poliomyelitis (poliomyelopathia) chronica; report of case with histologic study, *537
posterior column fibers and their termination in Macacus rhesus, 392
secondary vestibular fibers and medial longitudinal bundle, 660
Spinal Cord—Continued
surgery; anterolateral chordotomy for intractable pain of tabes dorsalis, *467
syphilis of, 425
tuberculoma, operative removal of, 1315
tumors; new method of treatment for acute postoperative and posttraumatic psychoses, 1336
tumors, with scoliosis, 1119
Spinal Fluid: See Cerebrospinal Fluid
Spinal Puncture: See also Cerebrospinal Fluid
clinical studies in post-lumbar puncture headaches, 1322
Spine: See also Atlas and Axis
clinical picture of minor cord lesions in association with injuries of cervical spine, 1318
curvature; scoliosis with tumor of spinal cord, 1119
fracture dislocation in region of atlas and axis with consideration of delayed neurologic manifestations and roentgenographic features, 426
intervertebral disks; air myelography in diagnosis of lesions of spinal canal, with reference to those of nucleus pulposus and to "sciatic syndrome," 1126
intervertebral disks; clinical study of herniation of nucleus pulposus, 899
spinal compression caused by ecchondrosis of intervertebral fibrocartilage, 1316
spinal symptoms with lymphadenoma, 620
Stains and Staining, adaptation of original Weigert technic for staining myelin sheaths in formaldehyde-pyroxylin material, *1291
stain for myelin sheaths in tissues embedded in paraffin, *103
Status Epilepticus: See under Epilepsy
Marmoratus: See Corpus Striatum; Thalamus
Stearns, W. G., in memoriam, 1122
Steegmann, A. T.: Poliomyelitis (poliomyelopathia) chronica; report of case with histologic study, *537
Steinberg, S.: Unconscious homosexuality, 1344
Stomach: See also Gastro-Intestinal Tract
diseases; gastrogenous polyneuritis, 876
Ulcers: See Peptic Ulcer
Stone, L.: Myelomalacia without thrombosis following indirect trauma (strain), 658
Stone, T. T.: Huntington's chorea; genealogical study, 910
Water metabolism in relation to convulsions, *798
Stookey, B.: Clinical study of herniation of nucleus pulposus, 899
Strauss, I.: Defects in visual field of 1 eye only in patients with lesion of 1 optic radiation, 652
Prognostic factors in spontaneous subarachnoid hemorrhage, *239
Strychnine, sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Stupidity, feeling of, 1111
Subarachnoid Space: See Meninges
Submaxillary Duct, changes in cells of striated ducts of cat's submaxillary gland after autonomic stimulation and nerve secretion, 1070
Substantia Nigra: See under Brain
Subthalamus: See Hypothalamus
Sugar in Blood: See Blood sugar
in Cerebrospinal Fluid: See Cerebrospinal Fluid
Tolerance Test: See under Dextrose
Suh, T. H.: Arterial supply of lateral parolivary area of medulla oblongata in man, *1243
Suicide, purposive accidents as expression of self-destructive tendencies, 160
Sulfur and nitrogen metabolism in suprarenalectomized rats, 638
Supra-Optic Commissure: See Nerves, optic
Suprarenalectomy: See under Adrenals
Suprarenals: See Adrenals

Swan, K. C.: Experimental studies of serum lipase in multiple sclerosis, *288
Sweat Glands, innervation of, 1068
Sympathectomy in man; its effect on electrical resistance of skin, *756
Syncope, association of carotid sinus reflexes with syncope and convulsions; report of 4 cases, *761
Syphilis: See also under names of organs and regions
cerebral, and glioma, 1094
effect of artificial fever on clinical manifestations of syphilis and Treponema pallidum, 1323
exclusion of neurosyphilis by means of Hinton reaction of blood, 644
isolated abolition of light reflex (etiologic value of Argyll Robertson sign); nonsyphilitic form, 418
of nervous system in Buriat Mongolians, 1089
of spinal cord, 425
polyradiculoganglionitis of Landry's type in syphilitic patient, 1321
Syringomyelia, non-neoplastic, with Rosenthal fibers; consideration of pathogenesis, 177

Tabes Dorsalis, abnormalities of micturition due to syphilis of nervous system, 1099
anterolateral chordotomy for intractable pain of, *467
combined system disease in, *43
medical and surgical aspects of Charcot joints, 411
Tarachow, S.: Prognostic factors in spontaneous subarachnoid hemorrhage, *239
Tarlov, I. M.: Effect of roentgenotherapy on gliomas, *513
Teeth, optic neuritis of dental origin, 420
Temperature: See also Heat
hypothalamic regulation in monkey, *445
Tetanus, chronic, presentation of patient, 1118
Tetany, parathyroid, relation of serum phosphates to, 639
Thalamus, état marbré, 852
sensory functions of optic thalamus of monkey (Macacus rhesus); symptomatology and functional localization investigated with method of local strychninization, *913
Thomas, C. B.: Cerebral circulation; effect of alcohol on cerebral vessels, *321
Thorium dioxide, colloidal, effect of injections on ventricles and subarachnoid spaces, *340
Thorner, M. W.: Treatment of myasthenia gravis; report of 6 cases, 423
Thrombosis, bilateral atrophic lobar sclerosis following thrombosis of superior longitudinal sinus, 1078
disseminated encephalomyelitis; histologic syndrome associated with thrombosis of small cerebral vessels, 1127
genesis of multiple encephalomalacia and angina pectoris in foam formation, 1080
sinus; cranial venous sinuses; correlation between skull markings and roentgenograms of occipital bone, 647
sinus; variations of cranial venous sinuses in region of torcular herophili, 632
Thymus, biologic effects of thymus extract (Hanson), 1102
Thyroid, cytological changes in hypophysis cerebri of garter snake (Thamnophis radix) following thyroidectomy, 393
hypothyroidism, obesity and ocular symptoms in mentally alert children due to, 637
relationship of anterior pituitary gland to thyroid and ovary, 1103
Tic: See Spasm
Tinnitus, noises in ear, and elementary, common and verbal auditory hallucinations, 1330
Tinsley, M.: Changes in brain in plexectomized dogs with comments on cerebrospinal fluid, *1224
Tissue: See also Cells
metal catalysts in biologic oxidations; tissue inhibitors, 396
method for rapid impregnation of microglia and oligodendroglia in material fixed in formaldehyde, *362
quantities of protein lost by various organs and tissues of body during fast, 847
Staining: See also Stains and Staining
staining; stain for myelin sheaths in tissues embedded in paraffin, *103
Tobacco, acetylcholine in tobacco amblyopia, 411
Tower, S. S.: Facial tic in relation to injury of facial nerve; experimental study, *1190
Toxicomania: See under Morphine
Transference: See Psychoanalysis
Trapp, C. E.: Involutional melancholia; treatment with theelin, *505
Tryparsamide, intolerance to, 411
Tuber Cinereum: See Hypothalamus
Tuberculoma of spinal cord, operative removal, 1315
Tuberculosis, constitutional relationship between tuberculosis and mental disease, 630
pulmonary, incidence in schizophrenic patients during period of 5 years in Ypsilanti State Hospital, 440
Tumors: See also Adenoma; Angioma; Astrocytoma; Cancer; Chondroma; Epithelioma; Glioma; Lipoma; Meningioma; etc.; and under names of organs and regions, i.e., Brain, tumors; Corpus Callosum; Cranium; Meninges; Pituitary Body; Retina; Spinal Cord; etc.
case of 3 neoplasms, 1304
dermoid and epidermoid (cholesteatomas) of central nervous system, 870
Turner, O. A.: Neuro-epithelial cyst of third ventricle; report of case with recovery following operation, *1055
Twins, hereditary factor in epilepsy, 171

Unconsciousness, apparent, development during hypnotic reliving of traumatic experience, *1282
Undulant fever, meningitis due to Brucella in child, 1091
Universities, four years of student mental-hygiene work at University of Michigan, 156
Unverricht's Disease: See under Epilepsy
Urination, effect of pituitary (posterior lobe) extract upon urinary flow, 1105
Urine, creatine; metabolism of glycolic acid in progressive muscular dystrophy, 413
phenylpyruvic acid; phenylpyruvic oligophrenia; introductory study of 50 cases of mental deficiency associated with excretion of phenylpyruvic acid, *944
porphyrin; urinary porphyrins in disease, 1298

Vaccination, Encephalitis Following: See under Encephalitis
Vander Veer, A.: Experiences with insulin shock therapy in schizophrenia, 907
Vasomotor System: See also Arteries
local neurogenous metabolic effects in vasoconstriction of central origin, 1076
vasomotor responses in hemiplegic patients, 1299
Veins: See also Embolism; Thrombosis; Vasomotor System; etc.
effect of carotid sinus on venous flow, 1301
Pressure in: See Blood pressure
vascular architecture of lesions of multiple sclerosis, *1
Ventriculography: See Brain, roentgenography
Vertebrae: See Spine
Vestibular Apparatus: See Ear, internal; Equilibrium
Nuclei: See Medulla Oblongata
Vibration, sensation of vibration with reference to its clinical significance, 1330

Viets, H. R.: Prostigmin in diagnosis and treatment of myasthenia gravis, 1349
Viruses, epidemic in mouse colony due to virus of acute lymphocytic choriomeningitis, 633
virus etiology of 1 form of lymphocytic meningitis, 866
Viscera, tumor syndrome with hyperthermia and visceral disorders due to chronic basilar tuberculous meningo-encephalitis, 166
Vision: See also Blindness
defects in visual field of 1 eye only in patients with lesion of 1 optic radiation, 652
effects of occipital lobectomy on vision in chimpanzee, 415
physiology; cerebral representation of retina in chimpanzee, 416
physiology; temporal and spatial summation of extrinsic impulses with intrinsic activity of cortex, 618
Vitamins, B_1 deficiency in rat's brain, 397
B, etiology of polyneuritis in alcohol addict, 875
C, studies in histochemistry; quantitative distribution of vitamin C in adrenal gland at various stages of development, 848
provitamin D of heat-treated cholesterol, 396
von Storch, T. J. C.: Factors producing lumbar cerebrospinal fluid pressure in man in erect posture, *1158
Voris, H. C.: Gunshot wound of head; report of case, 906

Waggoner, R. W.: Clinicopathologic study of astrocytomas, *1208
Ward, J. W.: Electrical stimulation of cortex cerebri of cats; responses elicitable in chronic experiments through implanted electrodes, *927
Water metabolism in relation to convulsions, *798
Watts, J. W.: Subcortical prefrontal lobotomy in treatment of certain psychoses, 225
Wechsler, I. S.: Dyskinesia; presentation of cases, 895
Excision of speech area without resultant aphasia, 430
Weil's Disease: See Jaundice, spirochetal
White, B. V., Jr.: "Cold pressor test" in tension and anxiety; cardiochronographic study, *964
White, P.: Mood—content problem and thymonoic reactions, *90
White, William Alanson, 608
Whitehorn, J. C.: Unsteadiness of heart rate in psychotic and neurotic states, *62
Whiting, I.: Environmental stress as precipitating factor for rheumatoid arthritis, 1348
Wigton, R.: Fracture dislocation in region of atlas and axis with consideration of delayed neurologic manifestations and roentgenographic features, 426
Wilson, Samuel Alexander Kinnier, 388
Winkelman, N. W.: Syphilis of spinal cord, 425
Wittels, F.: Transference phenomenon in case of phobia, 1116
Wolff, H. G.: Studies in diseases of muscle; metabolism of creatine and creatinine in progressive muscular dystrophy, *992
Word Blindness: See Aphasia, visual
Wortis, J.: Hypoglycemic treatment of psychoses; experiences at Bellevue Hospital, 191
Wound, gunshot, of head; report of case, 906

Yaskin, J. C.: Abscess of brain of undetermined etiology; report of 4 cases in which recovery occurred, 1124
Treatment of myasthenia gravis; report of 6 cases, 423
Yohimbine, action on autonomic nervous system, 1303
Young, B. R.: Air myelography in diagnosis of lesions of spinal canal with reference to those of nucleus pulposus and to "sciatic syndrome," 1126

Zeitlin, H.: Cystic tumor of third ventricle containing colloid material, *268
Zona: See Herpes zoster